



ASBESTOS INVESTIGATION REPORT

CAN CLAY FACILITY
402 WASHINGTON STREET
CANNELTON, INDIANA 47520

USEPA COOPERATIVE AGREEMENT NO. BF00E02383-0

ATC PROJECT NO. 170IRPC08H

FEBRUARY 7, 2020

PREPARED FOR:

INDIANA 15 REGIONAL PLANNING COMMISSION
221 EAST FIRST STREET
FERDINAND, INDIANA 47532
ATTENTION: MS. LISA GEHLHAUSEN

February 7, 2020

Ms. Lisa Gehlhausen
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Indiana 15 Regional Planning Commission
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Re: **Asbestos Investigation Report**
Can Clay Facility
402 Washington Street
Cannelton, Indiana 47520
ATC Project No. 170IRPC12H

Dear Ms. Gehlhausen:

ATC Group Services, LLC (ATC) is pleased to provide the Indiana 15 Regional Planning Commission with this report documenting an Asbestos Investigation that was conducted at 402 Washington Street in Cannelton, Indiana. The Asbestos Investigation was conducted by ATC representatives Mr. Brian Kleeman and Ms. Sarah Butler on January 15-17, 2020. The work performed, findings and conclusions of this investigation are provided in this submittal.

The work and all documents prepared during this investigation were funded through Indiana 15 Regional Planning Commission, which received a U.S. Environmental Protection Agency (EPA) Hazardous Substance and Petroleum Grant (EPA Grant No. BF00E02383-0).

We appreciate the opportunity to assist you with this project. If you have any questions concerning information contained in this letter, please do not hesitate to call either of the undersigned below.

Sincerely,
ATC Group Services LLC



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Executive Summary

On January 15-17, 2020, ATC performed an Asbestos Investigation for the Can Clay Facility (site) located at 402 Washington Street in Cannelton, Indiana. The site consists of eleven (11) buildings totalling approximately 237,374 square feet are located on the site. The buildings were constructed from 1909 to 1987 and are currently unoccupied. Several of the buildings were observed in poor condition with partially collapsed walls and damaged roofs. Multiple kilns and a sawdust silos are still present on the site. A large lay-down yard storing mostly clay pipe product is located on the north half and central portion of the site. Miscellaneous construction and pipe debris are spread across central portions of the site.

The inspection, sampling and analytical procedures were performed in general accordance with the EPA's rules and regulations as well as guidelines of the Asbestos Hazard Emergency Response Act (AHERA), and the National Institute of Occupational Safety and Health (NIOSH).

During the asbestos investigation, a total of one hundred sixteen (116) homogeneous areas (HAs) were identified at the site. One hundred twenty-nine (129) samples consisting of ninety (90) HAs were sampled and submitted for laboratory analysis. A total of fifty-two (52) HAs were found or assumed to be asbestos containing materials (ACMs) based on laboratory analysis and visual observations. **Results of this investigation DID indicate the presence of regulated asbestos containing materials (RACM) that would require special removal prior to disturbance during renovation or demolition of the site structures.** A total of approximately 1,817 square feet, 1,251 linear feet, and 12 cubic feet of RACM were identified at the site.

A total of approximately 114,154 square feet and 1,130 linear feet of Category I and II non-friable ACMs were identified at the site.

ATC was unable to safely access the roofs (except for portions of the production building) during this investigation. For the purposes of this report, ATC assumed that Asphalt Roofing Material was present on building roofs that were not accessible or observed, and is considered a Category I non-friable ACM. The boiler room located on the southwest corner of the production building was not accessed due to locked doors. Limited observations were made through windows in the boiler room. Should suspect materials be identified that are not included in the attached tables, ATC recommends that an asbestos licensed building inspector be called to the site to investigate any such material. A complete listing of identified suspect ACMs and analytical results can be found in the report text and attached tables.

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1 Introduction

ATC performed an Asbestos Investigation for the Can Clay Facility (Site) located at 402 Washington Street in Cannelton, Indiana, hereinafter referred to as the site. The site consists of eleven (11) buildings totalling approximately 237,374 square feet are located on the site. The buildings were constructed from 1909 to 1987 and are currently unoccupied and are situated across more than 32 acres. Several of the buildings were observed in poor condition with partially collapsed walls and damaged roofs. Site photographs are provided as **Appendix A**. The asbestos survey was conducted by ATC representatives Mr. Brian Kleeman and Ms. Sarah Butler. Copies of the current state certifications for these ATC employees are presented in **Appendix B**.

The asbestos survey included the visual observation of the various construction components within the accessible components of the site structures and exterior areas of the site, the collection of bulk samples of suspect ACMs, and the submission of bulk samples to the laboratory for analysis. The laboratory results of the sampled suspect ACMs are provided in **Table 1**. A summary of observed materials is provided in **Table 2**.

2 Sampling and Analytical Procedures

2.1 Asbestos Sampling Procedures

Representative bulk samples of suspect asbestos-containing building materials identified during the asbestos inspection were collected at the site.

The number of samples collected from each homogenous area (HA) depended on the extent of the impact from any future and/or potential construction on the assumed material, category of HA the assumed material fell into, and the amount of material. **ATC was unable to access the roofs (except portions of the production building) and the boiler room in the production building during this investigation.** It should also be noted that additional suspect ACMs might exist in inaccessible or concealed spaces that can only be revealed through full demolition activities. These inaccessible or concealed spaces include, but are not limited to, unsafe areas, pipe chases, spaces between wall/ceiling cavities, inaccessible areas of shafts, interior of mechanical components such as interior ducts, and below grade slab, etc.

A total of one-hundred sixteen (116) homogenous areas (HAs) were identified at the site. Of the one-hundred sixteen (116) HAs, ninety (90) HAs consisting of one hundred twenty-nine (129) samples were submitted for laboratory analysis, as discussed in **Section 3.0** of this report.

Bulk Asbestos Analysis Methodology

Bulk samples were collected by Mr. Brian Kleeman and Ms. Sarah Butler and analysis was performed by EMSL Analytical, Inc. located in Indianapolis, Indiana. Bulk samples were analyzed by Polarized Light Microscopy (PLM) using the Environmental Protection Agency's Test Method: Method for the Determination of Asbestos in Building Materials (EPA 600/R-93/116. July, 1993). Some materials collected as one (1) bulk sample may be analyzed as two (2) distinct layers (i.e. one (1) floor tile will be collected and submitted however the lab will analyze the floor tile and associated mastic as two (2) separate materials). EMSL is accredited by The National Voluntary Laboratory Accreditation Program (NVLAP) and the American Industrial Hygiene Association (AIHA). Based on one (1) positive test result, the homogeneous area is considered asbestos containing. If all samples collected from a homogeneous area resulted in non-detectable asbestos results, the homogenous area is considered non-asbestos containing.

3 Findings

3.1 Asbestos Results

A material is considered by the EPA and the IDEM to be asbestos-containing if at least one (1) sample collected from the homogenous area has asbestos present in concentrations greater than one percent (>1 %). Laboratory analysis of the bulk samples collected from the one hundred twenty-nine (129) samples (ninety (90) HAs) at the Can Clay Facility located at 402 Washington Street in Cannelton, Indiana **DID** indicate the presence of asbestos in the samples collected on January 15-17, 2020. Based on visual observations, twenty-six (26) HAs were also assumed to be ACM at the site.

Based on the results of this investigation, the following HAs were found or assumed to be RACM at the site.

Summary of RACM			
HA No.	Material Description	HA No.	Material Description
28	Gray Pipe Insulation	92	2" Pipe Insulation
29	Pipe Fittings	93	White Block Panels
30	White HVAC Joint Cloth	98	Pipe Fittings
43	1" White Rope Insulation	101	File Cabinet Insulation
51	Gray Cement Panelling	102	White Furnace Insulation
52	12" White Pipe Insulation	104	12" Pipe Insulation
53	White Pipe Insulation	105	6" Pipe Insulation
54	Gray Milled Fire Clay	107	Gray Cement Paneling
69	White Rope Door Insulation	113	Gray Boiler Insulation
76	Metal Fire Door		

Based on the results of this investigation, the following HAs were found or assumed to be Category I or II non-friable ACMs at the site.

Summary of Category I and II Non-Friable ACMs			
HA No.	Material Description	HA No.	Material Description
1	6"x6" Brown Floor Tile	47	2" Yellow Packing
2	6"x6" Light Brown Floor Tile	48	½" Brown Packing
7	Brown Mastic under 1'x2' Cork Ceiling Tile	49	¼" White Packing
9	6"x6" Green Floor Tile with Black Mastic	55	¼" White Packing
10	6"x6" Black Floor Tile with Black Mastic	57	4" Gray Gasket
19	2'x4' Black Floor Tile	58	Asphalt Roofing Material
20	9"x9" Black Floor Tile with Green Streaks	60	Asphalt Roofing Material
23	12"x12" Tan Speck Floor Tile	61	Machine Gasket
25	12"x12" Brown Speck Floor Tile	62	Asphalt Roof Sealant
27	12"x12" Tan Dash Floor Tile	90	Red Asphalt Siding
44	½" Gray Packing	91	Asphalt Roofing Material
45	¼" Gray Packing	99	Tar Paper
46	½" White Packing	106	Asphalt Roofing Material

Summary of Category I and II Non-Friable ACMs			
HA No.	Material Description	HA No.	Material Description
109	Vibration Cloth	114	White Cloth/Black Pipe Sealant
110	Brown Cove Base and Mastic	115	Asphalt Roofing Material
111	2"x2" Green-Multi Ceramic Floor Tile	116	Asphalt Roofing Material
112	4"x4" Teal Ceramic Tile		

It should also be noted that six (6) HAs were determined to contain asbestos at concentrations <1% Chrysotile as reported by the Point Count Method. Per the EPA AHERA rule, these materials are not considered regulated ACM; however, because analysis of these materials did report asbestos fibers in the matrix, the buildings' representatives should inform maintenance workers that these materials contain asbestos fibers, and if these materials are to be disturbed, to follow the OSHA 29 CFR 1926.1101 Safety Construction Asbestos Standard. The six (6) HAs listed below were reported as having an asbestos concentration <1% Chrysotile as reported by the Point Count Method.

- HA 5 – Drywall Joint Compound
- HA 41 – White Window Glaze
- HA 59 – White Door Glazing
- HA 68 – White Furnace Insulation
- HA 78 – Tan Window Glazing
- HA 97 – White/Gray Window Glazing

A summary of the bulk sample analysis for asbestos materials and laboratory results can be found in **Table 1**. A summary of the RACM that will require removal prior to renovation or demolition can be found in **Table 3**. A summary of the Category I and II non-friable ACMs can be found in **Table 4**. The sample locations are depicted on **Figures 1** through **9**. The laboratory analysis report and chain-of-custody form are provided in **Appendix C**.

4 Conclusions

ATC has completed an Asbestos Investigation for the Can Clay Facility (site) located at 402 Washington Street in Cannelton, Indiana. The following presents our conclusions and recommendations based on our findings for this location.

4.1 Asbestos

During the asbestos investigation, a total of one hundred sixteen (116) homogeneous areas (HAs) were identified at the site. One hundred twenty-nine (129) samples consisting of ninety (90) HAs were sampled and submitted for laboratory analysis. A total of fifty-two (52) HAs were found or assumed to be ACMs based on laboratory analysis and visual observations. Refer to **Table 1** for a summary of sampling results.

A total of approximately 1,817 square feet, 1,251 linear feet, and 12 cubic feet of RACM were identified at the site. Refer to **Table 3** for a listing of RACM identified that must be removed prior to disturbance during renovation or demolition of the site structures by an Indiana licensed abatement contractor.

A total of approximately 114,154 square feet and 1,130 linear feet of Category I and II non-friable ACMs were identified at the site. Please refer to **Table 4** for a list of Category I and II non-friable ACMs identified that may remain in place, if a building's demolition or renovation activities are performed employing methods of removal for the non-friable ACMs in such a manner where the materials will not become friable. However, contractors and/or employees disturbing the Category I and II non-friable ACM must comply with OSHA's Asbestos Standard 29 CFR § 1926.1101 section (k) (9) (iv) (a). A licensed abatement contractor will need to remove the Category I and II non-friable ACMs if the materials become friable during renovation/demolition activities.

A summary of materials observed throughout the buildings are provided in **Table 2**. Photographs of the interior and exterior of the buildings are included in **Appendix A**. This is to document that a complete inspection was performed and to meet the current OSHA regulations which do not allow non-accredited persons to designate that any surfacing or thermal system insulations are non-asbestos. Accredited asbestos inspectors can, however, declare certain materials to be non-asbestos without sampling them, based on their observations made during an inspection.

Proper notification must be made to the IDEM using State Form 44593 (R2/8-99) prior to beginning any renovation or demolition projects within the buildings.

Contractors, employees, and tenants occupying the buildings should be made aware of the previously identified assumed ACMs and the possibility that concealed ACMs may be found during renovation/demolition activities. They should be advised not to disturb known or suspect ACMs without owner approval.

The EPA has not prohibited the manufacture and importation of miscellaneous materials, such as vinyl floorings, mastics, roofing materials, etc. As a result, any future replacement materials should be checked for the presence of asbestos prior to installation.

5 Limitations

This report is intended for the sole use of the Indiana 15 Regional Planning Commission and the City of Cannelton. The intent of the report is to aid the building owners, architect, construction manager, general contractors, and potential demolition and abatement contractors. As actual site conditions and quantities should be field verified, **this report is not intended to serve as a bidding document or as a project specification document.** The scope of services performed in execution of this evaluation may not be appropriate to satisfy the needs of other users, and use or re-use of this document or the findings, conclusions, or recommendations is at the risk of said user. Although every attempt has been made to identify suspect asbestos materials in the areas identified, the limits of the scope of work and inspection technique used is inherently limited in the sense that only full demolition procedures will reveal all building materials of a structure(s).

ATC was unable to safely access the roofs (except for portions of the production building) during this investigation. For the purposes of this report, ATC assumed that Asphalt Roofing Material was present on building roofs that were not accessible or observed, and is considered a Category I non-friable ACM. The boiler room located on the southwest corner of the production building was not accessed due to locked doors. Limited observations were made through windows in the boiler room. Additionally, the passage of time may result in a change in the environmental characteristics at this site. This report does not warrant against future operations or conditions that could affect the recommendations made. The results, findings, conclusions and recommendations expressed in this report are based only on conditions that were observed during ATC's inspection of the site on January 15-17, 2020.

Tables

Table 1:	Asbestos Sample Locations and Analytical Results
Table 2:	Asbestos Inspection Summary
Table 3:	RACM to be Removed Prior to Renovation or Demolition
Table 4:	Category I and II Non-Friable ACM

Table 1
ASBESTOS SAMPLE LOCATIONS AND ANALYTICAL RESULTS

Can Clay Facility
402 Washington Street
Cannelton, Indiana
ATC Project No. 170IRPC08H

Sample Number	HA Number	Material Description	Sample Location	Analytical Results
CC-01-Floor Tile	1	6"x6" Brown Floor Tile with Black Mastic	1-1	6% Chrysotile
CC-01-Mastic	1	6"x6" Brown Floor Tile with Black Mastic	1-1	ND
CC-02-Floor Tile	2	6"x6" Light Brown Floor Tile with Black	1-1	6% Chrysotile
CC-02-Mastic	2	6"x6" Light Brown Floor Tile with Black	1-1	ND
CC-03	3	4'x4' White Ceramic Floor Tile	1-1	ND
CC-04-Finish Coat	4	Plaster Walls and Ceiling	1-3	ND
CC-04-Base Coat	4	Plaster Walls and Ceiling	1-3	ND
CC-05-Finish Coat	4	Plaster Walls and Ceiling	1-11	ND
CC-05-Base Coat	4	Plaster Walls and Ceiling	1-11	ND
CC-06-Finish Coat	4	Plaster Walls and Ceiling	1-5	ND
CC-06-Base Coat	4	Plaster Walls and Ceiling	1-5	ND
CC-07	5	Drywall	1-11	ND
CC-08-Drywall	5	Drywall	1-14	ND
CC-08-Joint Compound	5	Drywall	1-14	<0.25% Chrysotile*
CC-09-Drywall	5	Drywall	B-3	ND
CC-09-Joint Compound	5	Drywall	B-3	<0.25% Chrysotile*
CC-10	6	2'x2' Textured Ceiling Tile	1-1	ND
CC-11	6	2'x2' Textured Ceiling Tile	1-8	ND
CC-12-Ceiling Tile	7	1'x2' Cork Ceiling Tile with Brown Mastic	1-3	ND
CC-12-Mastic	7	1'x2' Cork Ceiling Tile with Brown Mastic	1-3	5% Chrysotile
CC-13-Ceiling Tile	7	1'x2' Cork Ceiling Tile with Brown Mastic	B-3	ND
CC-13-Mastic	7	1'x2' Cork Ceiling Tile with Brown Mastic	B-3	**
CC-14-Floor Tile	8	9"x9" Green Dash Floor Tile with Black	1-2	ND
CC-14-Mastic	8	9"x9" Green Dash Floor Tile with Black	1-2	ND
CC-15-Floor Tile	8	9"x9" Green Dash Floor Tile with Black	1-21	ND
CC-15-Mastic	8	9"x9" Green Dash Floor Tile with Black	1-21	ND
CC-16-Floor Tile	9	6"x6" Green Floor Tile with Black Mastic	1-3	4% Chrysotile
CC-16-Mastic	9	6"x6" Green Floor Tile with Black Mastic	1-3	3% Chrysotile
CC-17	9	6"x6" Green Floor Tile with Black Mastic	1-8	**
CC-18-Floor Tile	10	6"x6" Black Floor Tile with Black Mastic	1-3	5% Chrysotile
CC-18-Mastic	10	6"x6" Black Floor Tile with Black Mastic	1-3	3% Chrysotile
CC-19	10	6"x6" Black Floor Tile with Black Mastic	1-8	**
CC-20	11	12"x12" Pinprick Wall Tile	1-3	ND
CC-21	12	12"x12" Pinhole Ceiling Tile	1-3	ND
CC-22	13	Black Paper Flooring	1-16	ND
CC-23	13	Black Paper Flooring	1-13	ND
CC-24	14	6"x6" Brown Swirl Floor Tile	1-4	ND
CC-25	15	6"x6" Tan Swirl Floor Tile	1-4	ND
CC-26	16	12"x12" Smooth Ceiling Tile	1-4	ND
CC-27-Floor Tile	17	6"x6" Green Swirl Floor Tile	1-6	ND
CC-27-Mastic	17	6"x6" Green Swirl Floor Tile	1-6	ND
CC-28-Floor Tile	18	6"x6" Black Swirl Floor Tile	1-6	ND
CC-28-Mastic	18	6"x6" Black Swirl Floor Tile	1-6	ND
CC-29	19	2'x4' Black Floor Tile	1-8	4% Chrysotile
CC-30	20	9"x9" Black Floor Tile with Green Streaks	1-9	4% Chrysotile
CC-31	21	2'x2" Swirl Textured Ceiling Tile	1-9	ND
CC-32	22	Yellow Carpet Mastic	1-9	ND
CC-33-Floor Tile	23	12"x12" Tan Speck Floor Tile with Brown	1-9	2% Chrysotile
CC-33-Mastic	23	12"x12" Tan Speck Floor Tile with Brown	1-9	ND
CC-34-Floor Tile	23	12"x12" Tan Speck Floor Tile with Brown	1-14	**
CC-34-Mastic	23	12"x12" Tan Speck Floor Tile with Brown	1-14	ND
CC-35	24	Brown Floor Coating	1-12	ND
CC-36	24	Brown Floor Coating	1-21	ND

Table 1
ASBESTOS SAMPLE LOCATIONS AND ANALYTICAL RESULTS

Can Clay Facility
402 Washington Street
Cannelton, Indiana
ATC Project No. 170IRPC08H

Sample Number	HA Number	Material Description	Sample Location	Analytical Results
CC-37-Floor Tile	25	12"x12" Brown Speck Floor Tile with	1-12	2% Chrysotile
CC-37-Mastic	25	12"x12" Brown Speck Floor Tile with	1-12	ND
CC-38	26	2'x4' Pinhole Ceiling Tile	B-7	ND
CC-39	26	2'x4' Pinhole Ceiling Tile	1-20	ND
CC-40-Floor Tile	27	12"x12" Tan Dash Floor Tile	B-1	2% Chrysotile
CC-40-Mastic	27	12"x12" Tan Dash Floor Tile	B-1	ND
CC-41	28	Gray Pipe Insulation	B-7	25% Chrysotile
CC-42	28	Gray Pipe Insulation	B-6	**
CC-43	29	Pipe Fittings	B-6	4% Amosite
CC-44	29	Pipe Fittings	B-9	**
CC-45	30	White HVAC Joint Cloth	B-6	40% Chrysotile
CC-46	30	White HVAC Joint Cloth	B-7	**
CC-47	31	Yellow Fire Brick	1-1	ND
CC-48	32	12"x12" Large Pinhole Ceiling Tile	B-3	ND
CC-49	33	Window Glaze	E-1	ND
CC-50	33	Window Glaze	E-1	ND
CC-51	34	White Window Caulk	E-1	ND
CC-52	34	White Window Caulk	E-1	ND
CC-53	35	White Sealant	E-1	ND
CC-54	35	White Sealant	E-1	ND
CC-55	36	Drywall	M-1	ND
CC-56	36	Drywall	M-1	ND
CC-57	36	Drywall	M-1	ND
CC-58	37	Silver Paint	M-3	ND
CC-59	38	Black/Brown Belt	M-3	ND
CC-60	39	White Blanket	M-3	ND
CC-61	40	Cement Skim Coat	M-5	ND
CC-62	40	Cement Skim Coat	M-5	ND
CC-63	40	Cement Skim Coat	M-5	ND
CC-64	41	White Window Glazing	M-6	<0.25% Chrysotile*
CC-65	41	White Window Glaze	M-10	<0.25% Chrysotile*
CC-66	41	White Window Glaze	M-5	<0.25% Chrysotile*
CC-67	42	Gray Anti-Skid Material	M-9	ND
CC-68	108	Gray Cylinder Mold	P-15	ND
CC-69	50	Black Tar Paper	M-15	ND
CC-70	51	Gray Cement Panelling	S-6	25% Chrysotile
CC-71	52	12" White Pipe Insulation	S-6	5% Amosite, 10% Chrysotile
CC-72	53	White Pipe Insulation	S-6	2% Amosite, 15% Chrysotile
CC-73	54	Gray Milled Fire Clay	S-6	5% Chrysotile
CC-74	56	White Plaster Debris	S-7	ND
CC-75	57	4" Gray Gasket	S-7	30% Chrysotile
CC-76	59	White Door Glazing	G-1	0.75% Chrysotile*
CC-77	59	White Door Glazing	G-1	0.50% Chrysotile*
CC-78	59	White Door Glazing	G-1	0.50% Chrysotile*
CC-79	63	White Debris	JB-2	ND
CC-80	64	Tan Window Glazing	JB-2	ND
CC-81	64	Tan Window Glazing	JB-4	ND
CC-82	65	Drywall	JB-4	ND
CC-83	66	12"x12" Shiny Pinprick Ceiling Tile	JB-3	ND
CC-84	67	Fire Brick	JB-4	ND
CC-85	68	White Furnace Insulation	JB-4	<0.25% Chrysotile*
CC-86	69	White Rope Door Insulation	JB-4	80% Chrysotile
CC-87	64	Tan Window Glazing	JB-4	ND

Table 1
ASBESTOS SAMPLE LOCATIONS AND ANALYTICAL RESULTS

Can Clay Facility
402 Washington Street
Cannelton, Indiana
ATC Project No. 170IRPC08H

Sample Number	HA Number	Material Description	Sample Location	Analytical Results
CC-88	70	Yellow Fire Brick	D-1	ND
CC-89	71	Light Gray Fire Brick	D-1	ND
CC-90	72	Gray Cement Debris	D-1	ND
CC-91	73	Gray/Black Kiln Roof	K-1	ND
CC-92	74	Red/Gray Clay Pipe Debris	D-1	ND
CC-93	75	Red Clay Pipe Debris	D-1	ND
CC-94	75	Red Clay Pipe Debris	D-1	ND
CC-95	77	White Mortar	JB-13	ND
CC-96	78	Tan Window Glazing	TK-1	0.25% Chrysotile*
CC-97	78	Tan Window Glazing	TK-1	0.25% Chrysotile*
CC-98	79	Gray Brick Mortar	TK-1	ND
CC-99	80	Pipe Debris	TK-1	ND
CC-100	81	White Ceiling Plaster	TK-1	ND
CC-101	81	White Ceiling Plaster	TK-2	ND
CC-102	82	Tan Furnace Fire Brick	TK-2	ND
CC-103	83	Gray Furnace Fire Brick	TK-2	ND
CC-104	84	White Block Material	TK-2	ND
CC-105	85	Clear Window Caulk	TK-3	ND
CC-106	86	White Window Caulk	TK-4	ND
CC-107	87	Black Tar Paper	TK-5	ND
CC-108	88	White Pipe Sealant	LD-3	ND
CC-109	89	Clear Pipe Sealant	LD-3	ND
CC-110	90	Red Asphalt Siding	OMS-2	2% Chrysotile
CC-111	92	2" Pipe Insulation	OMS-3	60% Chrysotile
CC-112	93	White Block Panels	OMS-3	10% Amosite, 30% Chrysotile
CC-113	94	Brown Rope Packing	OMS-3	ND
CC-114	95	White Window Glazing	OMS-3	ND
CC-115	95	White Window Glazing	OMS-3	ND
CC-116	95	White Window Glazing	OMS-3	ND
CC-117	96	White Hydrocrete	P-1	ND
CC-118	97	White/Gray Window Glazing	P-1	0.50% Chrysotile*
CC-119	97	White/Gray Window Glazing	P-17	0.25% Chrysotile*
CC-120	97	White/Gray Window Glazing	P-13	0.50% Chrysotile*
CC-121	97	White/Gray Window Glazing	P-11	ND
CC-122	97	White/Gray Window Glazing	P-7	0.25% Chrysotile*
CC-123	98	Pipe Fitting	P-2	40% Chrysotile
CC-124	98	Pipe Fitting	P-6	**
CC-125	100	Black Asphalt Debris	P-3	ND
CC-126	102	White Furnace Insulation	P-5	70% Chrysotile
CC-127	103	Paper Pipe Insulation	P-8	ND
CC-128	104	12" Pipe Insulation	P-11	5% Amosite, 40% Chrysotile
CC-129	105	6" Pipe Insulation	P-11	5% Amosite, 40% Chrysotile

ND = None Detected

* = Sample Analysis by EPA 600/R-93/116 400 Point Count Method

** = Positive Stop (Not Analyzed)

Table 2
ASBESTOS INSPECTION SUMMARY
Can Clay Facility
402 Washington Street
Cannelton, Indiana
ATC Project No. 170IRPC08H

Func. Area No. *	Functional Area Description	HA No.	Homogeneous Area of Material Description	ACM Class **	ACM Category ***	ACM Y/N ****	Material Quantity	Bulk Sample Number(s)
Office Building (402 Washington Avenue)								
1-1	Conference Room	1	6"x6" Brown Floor Tile with Black Mastic	M	I	Y	154 SF	CC-01
		13	Black Paper Flooring			N		
		2	6"x6" Light Brown Floor Tile with Black Mastic	M	I	Y	154 SF	CC-02
			Wood Floor			N		
		3	4"x4" White Ceramic Floor Tile			N		CC-03
		4	Plaster Walls and Ceiling			N		
		5	Drywall Walls			N		
		6	2'x2' Textured Ceiling Tile			N		CC-10
		7	1'x2' Cork Ceiling Tile			N		
		7	Brown Mastic under 1'x2' Cork Ceiling Tile	M	II	Y	308 SF	CC-12
			Fiberglass			N		
		31	Yellow Fire Brick			N		CC-47
1-2	Women's Rest Room	8	9"x9" Green Dash Floor Tile with Black Mastic			N		CC-14
		5	Drywall Walls			N		
		5	Drywall Ceiling			N		
			Wood Floor			N		
1-3	Office 1	9	6"x6" Green Floor Tile	M	I	Y	72 SF	CC-16
		13	Black Paper Flooring			N		
		10	6"x6" Black Floor Tile	M	I	Y	72 SF	CC-18
			Wood Floor			N		
		4	Plaster Walls and Ceiling			N		CC-04
			Wood Panel Walls			N		
		7	1'x2' Cork Ceiling Tile with Brown Mastic			N		
		7	Brown Mastic under 1'x2' Cork Ceiling Tile	M	II	Y	144 SF	
		11	12"x12" Pinprick Wall Tile			N		CC-20
		12	12"x12" Pinhole Ceiling Tile			N		CC-21
1-4	Storage 1	14	6"x6" Brown Swirl Floor Tile			N		CC-24
		15	6"x6" Tan Swirl Floor Tile			N		CC-25
		13	Black Paper Flooring			N		
			Wood Floor			N		
		4	Plaster Ceiling			N		
		16	12"x12" Smooth Ceiling Tile			N		CC-26
		12	12"x12" Pinhole Ceiling Tile			N		
1-5	Storage 2	9	6"x6" Green Floor Tile	M	I	Y	60 SF	
		10	6"x6" Black Floor Tile	M	I	Y	60 SF	
		4	Plaster Walls and Ceiling			N		CC-06
		11	12"x12" Pinprick Wall Tile			N		
		12	12"x12" Pinhole Ceiling Tile			N		
1-6	Office 2	17	6"x6" Green Swirl Floor Tile			N		CC-27
		18	6"x6" Black Swirl Floor Tile			N		CC-28
		4	Plaster Walls			N		
		12	1'x2' Pinhole Ceiling Tile			N		
		7	1'x2' Cork Ceiling Tile with Brown Mastic			N		
		7	Brown Mastic under 1'x2' Cork Ceiling Tile	M	II	Y	256 SF	
		4	Plaster Ceiling			N		
		5	Drywall Ceiling			N		
1-7	Break Room		9"x9" Green Dash Floor Tile with Black Mastic			N		
		4	Plaster Walls and Ceiling			N		
		6	2'x2' Textured Ceiling Tile			N		

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1-8	Hallway 1	9	6"x6" Green Floor Tile	M	I	Y	126 SF	CC-17
		10	6"x6" Black Floor Tile	M	I	Y	126 SF	CC-19
		4	Plaster Walls and Ceiling			N		
		6	2'x2' Textured Ceiling Tile			N		CC-11
		19	2'x4' Black Floor Tile	M	I	Y	160 SF	CC-29
1-9	Hallway 2	20	9"x9" Black Floor Tile with Green Streaks	M	I	Y	80 SF	CC-30
		13	Black Paper Flooring			N		
			Stapled Carpet			N		
			Wood Baseboards			N		
		5	Drywall Walls			N		
		4	Plaster Walls and Ceiling			N		
		21	2'x2' Swirl Textured Ceiling Tile			N		CC-31
			Wood Panel Walls			N		
		22	Yellow Carpet Mastic			N		CC-32
		23	12"x12" Tan Speck Floor Tile with Brown Mastic	M	I	Y	252 SF	CC-33
		10	6"x6" Black Floor Tile	M	I	Y	200 SF	
		9	6"x6" Green Floor Tile	M	I	Y	200 SF	
		26	2'x4' Pinhole Ceiling Tile			N		
1-10	Office 3	21	2'x2' Swirl Textured Ceiling Tile			N		
		7	1'x2' Cork Ceiling Tile with Brown Mastic			N		
		7	Brown Mastic under 1'x2' Cork Ceiling Tile	M	II	Y	192 SF	CC-13
		5	Drywall Ceiling			N		
		5	Drywall Walls			N		
		4	Plaster Walls and Ceiling			N		
			Wood Panel Walls			N		
			Carpet			N		
		13	Black Paper Flooring			N		
			Wood Floor			N		
1-11	Office 4	16	12"x12" Smooth Ceiling Tile			N		
			Fiberglass Insulation			N		
		4	Plaster Walls and Ceiling			N		CC-05
		9	6"x6" Green Floor Tile	M	I	Y	114 SF	
		10	6"x6" Black Floor Tile	M	I	Y	114 SF	
		5	Drywall			N		CC-07
1-12	Lobby	11	12"x12" Pinprick Wall Tile			N		
			Wood Panel Walls			N		
		4	Plaster Walls and Ceiling			N		
			Carpet			N		
		23	12"x12" Tan Speck Floor Tile with Brown Mastic	M	I	Y	180 SF	
		25	12"x12" Brown Speck Floor Tile with Yellow Mastic	M	I	Y	180 SF	CC-37
			Wood Floor			N		
		24	Brown Floor Coating			N		CC-35
		13	Black Paper Flooring			N		
1-13	Front Desk Reception	11	12"x12" Pinprick Wall Tile			N		
		4	Plaster Walls and Ceiling			N		
			Wood Panel Walls			N		
		9	6"x6" Green Floor Tile	M	I	Y	50 SF	
		10	6"x6" Black Floor Tile	M	I	Y	50 SF	
			Wood Floor			N		

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		13	Black Paper Flooring			N		CC-23
1-14	Office 5	5	Drywall			N		CC-08
		26	2'x4' Pinhole Ceiling Tile			N		
		4	Plaster Ceiling			N		
			Red Carpet			N		
		23	12"x12" Tan Speck Floor Tile with Brown Mastic	M	I	Y	216 SF	CC-34
			Wood Floor			N		
		101	File Cabinet Insulation	TSI	F	A	25 SF	
1-15	Safe		Sheet Flooring			N		
		4	Plaster Walls and Ceiling			N		
1-16	Office 6	26	2'x4' Pinhole Ceiling Tile			N		
		22	Yellow Carpet Mastic			N		
		24	Brown Floor Coating			N		
		13	Black Paper Flooring			N		CC-22
			Wood Floor			N		
		23	12"x12" Tan Speck Floor Tile with Brown Mastic	M	I	Y	182 SF	
			Wood Panel Walls			N		
		4	Plaster Walls and Ceiling			N		
1-17	Office 7	26	2'x4' Pinhole Ceiling Tile			N		
		22	Yellow Carpet Mastic			N		
		24	Brown Floor Coating			N		
			Wood Floor			N		
		23	12"x12" Tan Speck Floor Tile with Brown Mastic	M	I	Y	143 SF	
			Wood Panel Walls			N		
1-18	Office 8	26	2'x4' Pinhole Ceiling Tile			N		
		22	Yellow Carpet Mastic			N		
		24	Brown Floor Coating			N		
			Wood Floor			N		
		23	12"x12" Tan Speck Floor Tile with Brown Mastic	M	I	Y	132 SF	
			Wood Panel Walls			N		
		101	File Cabinet Insulation	TSI	F	A	35 SF	
1-19	Office 9	4	Plaster Walls and Ceiling			N		
			Wood Panel Walls			N		
			Red Carpet			N		
		23	12"x12" Tan Speck Floor Tile with Brown Mastic	M	I	Y	156 SF	
		13	Black Paper Flooring			N		
			Wood Floor			N		
		26	2'x4' Pinhole Ceiling Tile			N		
1-20	Office 10	23	12"x12" Tan Speck Floor Tile with Brown Mastic	M	I	Y	156 SF	
		26	2'x4' Pinhole Ceiling Tile			N		CC-39
			Fiberglass			N		
			Wood Ceiling			N		
			Wood Panel Walls			N		
		4	Plaster Walls			N		
		101	File Cabinet Insulation	TSI	F	A	70 SF	
1-21	Middle Room	26	2'x4' Pinhole Ceiling Tile			N		
		5	Drywall Ceiling			N		

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		8	9"x9" Green Dash Floor Tile with Black Mastic			N		CC-15
		24	Brown Floor Coating			N		CC-36
		13	Black Paper Flooring			N		
			Wood Floor			N		
		23	12"x12" Tan Speck Floor Tile with Brown Mastic	M	I	Y	240 SF	
1-22	Storage 3	23	12"x12" Tan Speck Floor Tile with Brown Mastic	M	I	Y	240 SF	
			Concrete Block Walls			N		
		110	Brown Cove Base and Mastic and Mastic	M	II	A	52 LF	
		13	Black Paper Flooring			N		
		4	Plaster Ceiling			N		
1-23	File Cabinet Room	26	2'x4' Pinhole Ceiling Tile			N		
		5	Drywall			N		
			Wood Panel Walls			N		
			Fiberglass Insulation			N		
			Carpet			N		
		23	12"x12" Tan Speck Floor Tile with Brown Mastic	M	I	Y	112 SF	
		4	Plaster Walls			N		
1-24	Reception Area	26	2'x4' Pinhole Ceiling Tile			N		
		5	Drywall			N		
			Wood Panel Walls			N		
			Fiberglass Insulation			N		
			Carpet			N		
		23	12"x12" Tan Speck Floor Tile with Brown Mastic	M	I	Y	468 SF	
		4	Plaster Walls			N		
			Piping-Fiberglass			N		
1-25	Reception Office	26	2'x4' Pinhole Ceiling Tile			N		
		5	Drywall			N		
			Wood Panel Walls			N		
			Fiberglass Insulation			N		
			Carpet			N		
		23	12"x12" Tan Speck Floor Tile with Brown Mastic	M	I	Y	252 SF	
		4	Plaster Walls			N		
			Piping-Fiberglass			N		
1-26	Hallway 3	23	12"x12" Tan Speck Floor Tile with Brown Mastic	M	I	Y	252 SF	
			Wood Baseboards			N		
		5	Drywall Walls			N		
		26	2' x 4' Pinhole Ceiling Tile			N		
		13	Black Paper Flooring			N		
			Wood Floor			N		
B-1	Stairwell	32	12"x12" Large Pinhole Ceiling Tile			N		
			Stair Tread			N		
		27	12"x12" Tan Dash Floor Tile	M	I	Y	64 SF	CC-40
			Brick			N		
B-2	Office 11	5	Drywall			N		
			Concrete Walls			N		
		32	12"x12" Large Pinhole Ceiling Tile			N		

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B-3	Area 1	27	12"x12" Tan Dash Floor Tile	M	I	Y	320 SF	
		5	Drywall Walls			N		CC-09
			Concrete Walls			N		
		32	12"x12" Large Pinhole Ceiling Tile			N		CC-48
			Brick Wall			N		
B-4	Safe 2		Concrete Floor			N		
			Brick Wall			N		
			Concrete Walls			N		
		4	Plaster Ceiling			N		
		76	Fire Door	M	II	A	18 SF	
B-5	File Storage		Concrete Floor			N		
		5	Drywall Walls			N		
			Concrete Walls			N		
		4	Plaster Ceiling			N		
			Brick Wall			N		
B-6	Boiler Room		Concrete Floor			N		
		5	Drywall Walls			N		
		28	Gray Pipe Insulation	TSI	F	Y	125 LF	CC-42
			Brick Walls			N		
		29	Pipe Fittings	TSI	F	Y	14 SF	CC-43
		30	White HVAC Joint Cloth	M	F	Y	14 SF	CC-45
B-7	Electrical Panel Room		Concrete Floor			N		
			Brick Walls			N		
		26	2'x4' Pinhole Ceiling Tile			N		CC-38
		28	Gray Pipe Insulation	TSI	F	Y	100 LF	CC-41
		29	Pipe Fittings	TSI	F	Y	6 SF	
		109	Vibration Cloth	M	II	A	6 LF	
		30	White HVAC Joint Cloth	M	F	Y	20 SF	CC-46
			HVAC Tape			N		
B-8	Safe 3	76	Fire Door	M	II	A	18 SF	
			Concrete Ceiling			N		
			Brick Wall			N		
			Concrete Floor			N		
B-9	South Storage Tunnel		Concrete Floor			N		
			Concrete Walls			N		
		29	Pipe Fitting	TSI	F	Y	12 SF	CC-44
		28	Gray Pipe Insulation	TSI	F	Y	65 LF	
		5	Drywall Walls			N		
			Wood Panel Walls			N		
			Brick Walls			N		
B-10	Conference Room		Concrete Floor			N		
		5	Drywall Walls			N		
		32	12"x12" Large Pinhole Ceiling Tile			N		
			Concrete Walls			N		
B-11	Draft Room		Concrete Floor			N		
		5	Drywall Walls			N		
		32	12"x12" Large Pinhole Ceiling Tile			N		
			Concrete Walls			N		
B-12	Storage 4		Concrete Floor			N		
		5	Drywall Walls			N		
		32	12"x12" Large Pinhole Ceiling Tile			N		

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			Concrete Walls			N		
B-13	Hallway	28	Gray Pipe Insulation	TSI	F	Y	108 LF	
		29	Pipe Fitting	TSI	F	Y	1 SF	
		23	12"x12" Tan Speck Floor Tile with Brown Mastic	M	I	Y	252 SF	
		5	Drywall Ceiling			N		
			Concrete Walls			N		
		76	Fire Door	M	II	A	18 SF	
		110	Brown Cove Base and Mastic	M	II	A	112 LF	
B-14	Safe 4	23	12"x12" Tan Speck Floor Tile with Brown Mastic	M	I	Y	182 SF	
		110	Brown Cove Base and Mastic and Mastic	M	II	A	54 LF	
			Concrete Block Walls			N		
			Concrete Ceiling			N		
		76	Fire Door	M	II	A	18 SF	
B-15	Office 12	23	12"x12" Tan Speck Floor Tile with Brown Mastic	M	I	Y	182 SF	
			Concrete Block Walls			N		
		110	Brown Cove Base and Mastic and Mastic	M	II	A	54 LF	
			Wood Panel Walls			N		
		26	2'x4' Pinhole Ceiling Tile			N		
B-16	Office 13	23	12"x12" Tan Speck Floor Tile with Brown Mastic	M	I	Y	130 SF	
			Concrete Block Walls			N		
		110	Brown Cove Base and Mastic and Mastic	M	II	A	56 LF	
			Wood Panel Walls			N		
		26	2'x4' Pinhole Ceiling Tile			N		
B-17	Office 14	23	12"x12" Tan Speck Floor Tile with Brown Mastic	M	I	Y	156 SF	
			Concrete Block Walls			N		
		110	Brown Cove Base and Mastic and Mastic	M	II	A	50 LF	
			Wood Panel Walls			N		
		26	2'x4' Pinhole Ceiling Tile			N		
B-18	Men's Restroom	111	2"x2" Green-Multi Ceramic Floor Tile	M	I	A	72 SF	
		112	4"x4" Teal Ceramic Tile	M	I	A	72 SF	
			Concrete Block Walls			N		
		4	Plaster Ceiling			N		
B-19	Women's Restroom	111	2"x2" Green-Multi Ceramic Floor Tile	M	I	A	72 SF	
		112	4"x4" Teal Ceramic Tile	M	I	A	72 SF	
			Concrete Block Walls			N		
		4	Plaster Ceiling			N		
B-20	Storage 5	23	12"x12" Tan Speck Floor Tile with Brown Mastic	M	I	Y	156 SF	
			Wood Panel Walls			N		
			Concrete Floor			N		
			Concrete Walls			N		
		26	2'x4' Pinhole Ceiling Tile			N		
		110	Brown Cove Base and Mastic and Mastic	M	II	A	50 LF	
B-21	Storage 6		Concrete Floor			N		
			Concrete Walls			N		
			Wood Ceiling			N		
B-22	BM Shute		Concrete Walls			N		

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			Concrete Floor			N		
			Steel Doors			N		
E-1	Exterior		Yellow Brick Siding			N		
		33	Window Glazing			N		CC-49,50
		34	White Window Caulk (Painted Tan)			N		CC-51,52
			Metal Awnings			N		
		35	White Sealant (In Cracks)			N		CC-53,54
		115	Asphalt Roofing Material	M	I	A	5,704 SF	
2-1	Attic		Wood			N		
			Fiberglass Insulation (Floor and Pipes)			N		
Maintenance Shop								
M-1	Office 1		Concrete Floor			N		
		36	Drywall			N		CC-55,56,57
			Concrete Block Walls			N		
M-2	Storage 1		Concrete Floor			N		
			Concrete Walls			N		
			Wood Walls			N		
			Wood Ceiling			N		
M-3	Garage 1		Concrete Floor			N		
			Concrete Block Walls			N		
			Wood Walls			N		
			Wood Rafters			N		
		37	Silver Paint			N		CC-58
		38	Belt-Black/Brown			N		CC-59
		39	White Blanket			N		CC-60
		42	Anti Skid Material			N		
		114	White Cloth/Black Pipe Sealant	M	I	A	1 SF	
M-4	Storage 1		Concrete Floor			N		
			Wood Walls			N		
			Wood Ceiling			N		
M-5	Garage 2		Concrete Floor			N		
			Concrete Block Walls			N		
			Wood Walls			N		
			Wood Ceiling			N		
		40	Cement Skim Coat			N		CC-61,62,63
		41	White Window Glaze			N		CC-66
M-6	Garage 3		Concrete Floor			N		
		40	Cement Skim Coat			N		
			Fiberglass Insulation			N		
		41	White Window Glaze			N		CC-64
			Wood Ceiling			N		
M-7	Restroom		Concrete Floor			N		
		40	Cement Skim Coat			N		
			Wood Ceiling			N		
M-8	Storage 2		Concrete Floor			N		
		40	Cement Skim Coat			N		
			Wood Ceiling			N		
M-9	Mezzanine	43	1" White Rope Insulation	TSI	F	A	75 LF	
		45	1/4" Gray Packing	M	I	A	170 LF	
		44	1/2" Gray Packing	M	I	A	34 LF	
		39	White Blanket			N		
		46	1/2" White Packing	M	I	A	50 LF	
		47	2" Yellow Packing	M	I	A	50 LF	

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		48	1/2" Brown Packing	M	I	A	50 LF	
		49	1/4" White Packing	M	I	A	50 LF	
		42	Gray Anti-Skid Material			N		CC-67
M-10	Office 2		Wood Walls			N		
			Concrete Walls			N		
			Concrete Floor			N		
			Wood Ceiling			N		
		41	White Window Glaze			N		CC-65
M-11	Storage 3		Concrete Floor			N		
		40	Cement Skim Coat			N		
			Wood Ceiling			N		
		41	White Window Glaze			N		
M-14	Boiler Room		Dirt Floor			N		
			Metal Walls			N		
			Fiberglass Insulation			N		
			Metal Ceiling			N		
M-15	Exterior		Wood Siding			N		
			Concrete Foundation			N		
		41	White Window Glaze			N		
			Fiberglass Insulation			N		
		50	Tar Paper			N		CC-69
		58	Asphalt Roofing Material	M	I	A	13,000 SF	
Storage Building								
S-1	Garage 1		Concrete Floor			N		
			Concrete Walls			N		
			Wood Walls			N		
			Wood Ceiling			N		
S-2	Garage 2		Concrete Floor			N		
			Concrete Walls			N		
			Wood Walls			N		
			Wood Ceiling			N		
		45	1/4 " Gray Packing	M	I	A	10 SF	
		44	1/2" Gray Packing	M	I	A	40 SF	
S-3	Garage 3		Concrete Floor			N		
			Concrete Siding			N		
			Concrete Ceiling			N		
			Stored Bricks			N		
S-4	Garage 4		Concrete Floor			N		
			Concrete Siding			N		
			Concrete Ceiling			N		
			Stored Bricks			N		
S-5	Garage 5		Concrete Floor			N		
			Concrete Siding			N		
			Concrete Ceiling			N		
			Stored Bricks			N		
S-6	Garage 6		Concrete Floor			N		
			Concrete Siding			N		
			Concrete Ceiling			N		
			Stored Bricks			N		
		51	Gray Cement Panelling	M	II	Y	800 SF	CC-70
		54	Gray Milled Fire Clay (3-100 pound bags)	M	F	Y	12 CF	CC-73
		55	1/4" White Packing	M	I	A	150 LF	
		52	12" White Pipe Insulation	TSI	F	Y	50 LF	CC-71

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		53	White Pipe Insulation	TSI	F	Y	200 LF	CC-72
S-7	Exterior		Stone Exterior			N		
		57	4" Gray Gasket	M	I	Y	1 LF	CC-75
			Wood Siding			N		
		56	White Plaster Debris			N		CC-74
		116	Asphalt Roofing Material	M	I	A	4,788 SF	
3 Car Garage								
G-1	3 Car Garage		Concrete Floor			N		
			Wood Walls			N		
			Wood Ceiling			N		
			Concrete Block Walls			N		
			Bricks			N		
		60	Asphalt Roofing Material	M	I	A	900 SF	
			Metal Roof			N		
		59	White Door Glazing			N		CC-76,77,78
			Drums			N		
G-2	Garage Area 2		Concrete Floor			N		
			Wood Walls			N		
			Wood Ceiling			N		
			Concrete Block Walls			N		
			Bricks			N		
			Metal Roof			N		
		59	White Door Glazing			N		
			Drums			N		
G-3	Garage Area 3		Concrete Floor			N		
			Wood Walls			N		
			Wood Ceiling			N		
			Concrete Block Walls			N		
			Bricks			N		
			Metal Roof			N		
		59	White Door Glazing			N		
			Drums			N		
Clay Shed								
C-1	Clay Shed		Concrete Floor			N		
			Concrete Walls			N		
			Metal Walls			N		
			Wood Walls			N		
			Metal Ceiling			N		
		61	Machine Gasket	M	I	A	1 LF	
		62	Asphalt Sealant	M	I	A	140 LF	
Joint Building (Wedge Lock)								
JB-1	Covered Storage Area 1		Concrete Floor			N		
			Metal Walls			N		
			Concrete Block Walls			N		
			Fiberglass Insulation			N		
JB-2	Jointing		Concrete Floor			N		
			Wood Walls			N		
			Concrete Walls			N		
		63	White Debris			N		CC-79
		64	Tan Window Glazing			N		CC-80
		65	Drywall			N		CC-82
			Fiberglass Pipe Insulation			N		

Table 2
ASBESTOS INSPECTION SUMMARY

Can Clay Facility
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Cannelton, Indiana
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Func. Area No. *	Functional Area Description	HA No.	Homogeneous Area of Material Description	ACM Class **	ACM Category ***	ACM Y/N ****	Material Quantity	Bulk Sample Number(s)
JB-3	Office		Wood Floor			N		
			Wood Walls			N		
		66	12"x12" Shiny Pinprick Ceiling Tile			N		CC-83
JB-4	Jointing 2		Concrete Floor			N		
			Metal Walls			N		
			Concrete Block Walls			N		
			Fiberglass Insulation			N		
		64	Tan Window Glazing			N		CC-81,87
		67	Gray Fire Brick			N		CC-84
		68	White Furnace Insulation			N		CC-85
			Fiberglass Insulation (Oven)			N		
		69	White Rope Door Insulation	TSI	F	Y	40 LF	CC-86
JB-5	Storage 2		Concrete Floor			N		
			Metal Walls			N		
			Concrete Block Walls			N		
			Fiberglass Insulation			N		
JB-6	Women's Restroom		Concrete Floor			N		
			Concrete Walls			N		
			Wood Ceiling			N		
			Fiberglass Insulation			N		
		64	Window Glazing			N		
JB-7	Outdoor Storage		Concrete Floor			N		
			Metal Siding			N		
			Metal Roof			N		
JB-8	Area 2	69	White Rope Door Insulation	TSI	F	Y	80 LF	
			Fiberglass Insulation			N		
			Concrete Floor			N		
			Metal Walls			N		
JB-9	Boiler Room		Concrete Floor			N		
			Concrete Walls			N		
			Metal Ceiling			N		
			Fiberglass Insulation			N		
JB-10	Restroom	64	Window Glazing			N		
			Concrete Floor			N		
			Concrete Walls			N		
			Metal Ceiling			N		
JB-11	Hallway	64	Window Glazing			N		
			Concrete Floor			N		
			Concrete Walls			N		
			Metal Ceiling			N		
JB-12	Storage	76	Fire Doors	M	II	A	18 SF	
			Concrete Floor			N		
			Concrete Walls			N		
			Metal Ceiling			N		
			Boilers Metal			N		
JB-13	Mortar Room	64	Window Glazing			N		
			Concrete Floor			N		
			Concrete Walls			N		
			Metal Ceiling			N		
		77	White Mortar			N		CC-95
			Fiberglass Pipe Insulation			N		

Table 2
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Can Clay Facility
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Func. Area No. *	Functional Area Description	HA No.	Homogeneous Area of Material Description	ACM Class **	ACM Category ***	ACM Y/N ****	Material Quantity	Bulk Sample Number(s)
Pump Dispenser Shed								
P-1	Pump Shed		Metal Roof			N		
			Metal Floor			N		
			Metal Sides			N		
Debris Piles/Kiln Area								
D-1	Debris Piles	70	Yellow Fire Brick			N		CC-88
		72	Gray Cement Debris			N		CC-90
		67	Fire Brick			N		
		83	Gray Furnace Brick			N		
		75	Red Clay Pipe Debris			N		CC-93,94
			Wood			N		
			Metal			N		
			Fiberglass Insulation			N		
		71	Light Gray Fire Brick			N		CC-89
			PVC Pipe Debris			N		
		74	Red/Gray Clay Pipe Debris			N		CC-92
K-1	Kiln Area		Metal			N		
		70	Yellow Fire Brick			N		
			Fiberglass Insulation			N		
		73	Gray/ Black Kiln Roof			N		CC-91
			Red Brick			N		
Tunnel Kiln Building								
TK-1	Loading Area		Metal Siding			N		
			Concrete Floor			N		
		78	Tan Window Glazing			N		CC-96,97
			Red Brick			N		
		79	Gray Brick Mortar			N		CC-98
		80	Pipe Debris			N		CC-98
		70	Yellow Fire Brick			N		
		81	White Ceiling Plaster			N		CC-100
TK-2	Air Handler Room		Metal Floor			N		
			Metal Walls			N		
			Metal Roof			N		
		82	Tan Furnace Fire Brick			N		CC-102
			Fiberglass Door Insulation			N		
		84	White Block Material			N		CC-104
		83	Gray Furnace Fire Brick			N		CC-103
		106	Asphalt Roofing Material	M	I	A	8,500 SF	
			Fiberglass Pipe Insulation			N		
		81	White Ceiling Plaster			N		CC-101
TK-3	Office		Brick Wall			N		
			Wood Ceiling			N		
			Wood Walls			N		
			Concrete Floor			N		
			Fiberglass Insulation			N		
		85	Clear Window Caulk			N		CC-105
TK-4	Production Office		Brick Wall			N		
			Wood Ceiling			N		
			Wood Walls			N		
			Concrete Floor			N		
			Fiberglass Insulation			N		
		85	Clear Window Caulk			N		
		86	White Window Caulk			N		CC-106

Table 2
ASBESTOS INSPECTION SUMMARY
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Func. Area No. *	Functional Area Description	HA No.	Homogeneous Area of Material Description	ACM Class **	ACM Category ***	ACM Y/N ****	Material Quantity	Bulk Sample Number(s)
TK-5	Storage Room		Brick Wall			N		
			Wood Ceiling			N		
			Wood Walls			N		
			Concrete Floor			N		
			Fiberglass Insulation			N		
		85	Clear Window Caulk			N		
		87	Black Tar Paper			N		CC-107
TK-6	Storage 2		Brick Wall			N		
			Wood Ceiling			N		
			Wood Walls			N		
			Concrete Floor			N		
			Fiberglass Insulation			N		
TK-7	Kiln Room		Concrete Floor			N		
			Brick Walls			N		
			Metal Walls			N		
			Metal Ceiling			N		
			Foam Insulation			N		
TK-8	Area		Concrete Floor			N		
			Brick Walls			N		
			Metal Walls			N		
			Metal Ceiling			N		
			Foam Insulation			N		
		80	Pipe Debris			N		
TK-9	Lab		Concrete Floor			N		
			Metal Walls			N		
			Metal Ceiling			N		
			Fiberglass Insulation			N		
TK-10	Exterior		Metal			N		
			Concrete Block Walls			N		
			Brick			N		
Stick Shed								
SS-1	Stick Shed Exterior		Metal Siding and Roof			N		
			Concrete Block Walls			N		
SS-1	Stick Shed Interior		Concrete Floor			N		
			Metal Frame			N		
			Metal Ceiling			N		
			Fiberglass Insulation			N		
			Concrete Block Walls			N		
Loading Dock Building								
LD-1	Loading Dock Building		Metal Siding and Roof			N		
			Concrete Foundation			N		
			Saw Dust			N		
		80	Red Clay Pipe Debris			N		
LD-2	Sprinkler Shed		Metal Frame			N		
			Concrete Foundation			N		
			Saw Dust			N		
		80	Red Clay Pipe Debris			N		
LD-3	Conveyor Shed		Metal Frame			N		
			Concrete Foundation			N		
			Saw Dust			N		
		80	Red Clay Pipe Debris			N		

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Func. Area No. *	Functional Area Description	HA No.	Homogeneous Area of Material Description	ACM Class **	ACM Category ***	ACM Y/N ****	Material Quantity	Bulk Sample Number(s)
		88	White Pipe Sealant			N		CC-108
		89	Clear Pipe Sealant			N		CC-109
Old Machine Shop								
OMS-1	Shelter		Dirt Floor			N		
			Metal Siding			N		
			Wood Rafters			N		
			Brick Wall			N		
OMS-2	Exterior	90	Red Asphalt Siding	M	I	Y	300 SF	CC-110
			Wood Soffits			N		
			Brick			N		
		91	Asphalt Roofing Material	M	I	A	5,800 SF	
			Metal Roof			N		
OMW-3	Interior		Concrete Floor			N		
			Brick Walls			N		
			Wood Rafters			N		
		95	White Window Glazing			N		CC-114,115,116
			Fiberglass Insulation			N		
		92	2" Pipe Insulation	TSI	F	Y	30 LF	CC-111
		93	White Block Panels	M	F	Y	30 SF	CC-112
		94	Brown Rope Packing			N		CC-113
Silo								
1-1	Exterior		Metal			N		
			Concrete Foundation			N		
			Saw Dust			N		
Production Building								
P-1	Dry Storage Area		Metal Grate Floor			N		
			Fiberglass Siding			N		
			Metal Siding			N		
			Metal Ceiling			N		
			Fiberglass Insulation			N		
		96	White Hydrocrete			N		CC-117
P-2	Extruder No. 5		Concrete Floor			N		
			Metal Siding			N		
			Brick Walls			N		
			Concrete Block Walls			N		
		97	White/Gray Window Glazing			N		CC-118
			Metal Ceiling			N		
			Fiberglass Pipe Insulation			N		
		98	Pipe Fitting	M	F	Y	20 LF	CC-123
P-3	Extruder 8		Concrete Floor			N		
			Brick Walls			N		
			Concrete Block Walls			N		
			Fiberglass Wall Panels			N		
		97	White/Gray Window Glazing			N		
			Fiberglass Ceiling			N		
		100	Black Asphalt Debris			N		CC-125
P-4	Dryer Room No. 1		Concrete Floor			N		
			Metal Walls			N		
			Brick Walls			N		
		81	Plaster			N		
P-5	Production 1		Concrete Floor			N		
			Brick Wall			N		
			Wood			N		

Table 2
ASBESTOS INSPECTION SUMMARY
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Func. Area No. *	Functional Area Description	HA No.	Homogeneous Area of Material Description	ACM Class **	ACM Category ***	ACM Y/N ****	Material Quantity	Bulk Sample Number(s)
		76	Fire Door	M	II	A	18 SF	
			Metal Pipe			N		
		97	White/Gray Window Glazing			N		
		102	White Furnace Insulation	TSI	F	Y	250 SF	CC-126
P-6	2nd Floor Above		Wood Floor			N		
			Fiberglass Insulation			N		
		98	Pipe Fittings	M	F	Y	10 LF	CC-124
			Wood Ceiling			N		
		97	White/Gray Window Glazing			N		
P-7	Production 3		Concrete Floor			N		
			Brick Wall			N		
		97	White/Gray Window Glazing			N		CC-122
			Wood Ceiling			N		
P-8	Production 2	103	Paper Pipe Insulation			N		CC-127
			Fiberglass Insulation			N		
		97	White/Gray Window Glazing			N		
			Concrete Floor			N		
			Brick Walls			N		
			Wood Ceiling			N		
			Wood Walls			N		
		76	Fire Door	M	II	A	18 SF	
P-9	Oil Room		Concrete Floor			N		
			Brick Walls			N		
			Wood Walls			N		
		97	White/Gray Window Glazing			N		
P-10	Office		Concrete Floor			N		
			Wood			N		
		97	White/Gray Window Glazing			N		
P-11	3rd Floor		Wood Floor			N		
			Brick Wall			N		
		104	12" Pipe Insulation	TSI	F	Y	300 LF	CC-128
		97	White/Gray Window Glazing			N		CC-121
		105	6" Pipe Insulation	TSI	F	Y	48 LF	CC-129
		76	Fire Door	M	II	A	18 SF	
			Concrete Floor			N		
		80	Pipe Debris			N		
			Fiberglass Insulation			N		
P-12	Roof	106	Asphalt Roofing Material	M	I	A	67,510 SF	
P-13	4th Floor	80	Pipe Debris			N		
			Brick			N		
			Wood Siding			N		
			Wood Roof			N		
		97	White/Gray Window Glazing			N		CC-120
			Wood Floor			N		
		107	Gray Cement Panelling	M	II	A	18 SF	
		99	Tar Paper	M	I	A	18 SF	
P-14	Production 4		Concrete Floor			N		
			Brick Walls			N		
			Fiberglass Windows			N		
		76	Fire Door	M	II	A	18 SF	
			Metal Ceiling			N		
P-15	Dryer Room No. 2		Metal Roof			N		
			Brick Walls			N		
		108	Gray Cylinder Mold			N		CC-68

Table 2
ASBESTOS INSPECTION SUMMARY

Can Clay Facility
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Func. Area No. *	Functional Area Description	HA No.	Homogeneous Area of Material Description	ACM Class **	ACM Category ***	ACM Y/N ****	Material Quantity	Bulk Sample Number(s)
P-16	Dryer Room No. 3		Metal Roof			N		
			Brick Walls			N		
		108	Gray Cylinder Mold			N		
P-17	Restroom		Concrete Floor			N		
			Brick Wall			N		
			Wood Ceiling			N		
		97	White/Gray Window Glazing			N		CC-119
P-18	Break Room		Concrete Floor			N		
			Brick Wall			N		
			Wood Ceiling			N		
		97	White/Gray Window Glazing			N		
P-19	Boiler Room		Brick			N		
			Concrete Floor			N		
		70	Yellow Fire Brick			N		
		113	Gray Boiler Insulation	TSI	F	A	360 SF	

NOTES:

- * = Functional Area Number includes the floor Number (or letter) and room number.
- ** = M is Miscellaneous, TSI is Thermal Systems Insulation.
- *** = I is Category I non-friable, II is Category II non-friable.
- **** = Y is positive (contains more than 1% asbestos), N is Negative (contains 1% or less asbestos), A is assumed.

Table 3
RACM TO BE REMOVED PRIOR TO RENOVATION OR DEMOLITION
Can Clay Facility
402 Washington Street
Cannelton, Indiana
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Func. Area No. *	Functional Area Description	HA No.	Homogeneous Area of Material Description	ACM Type **	Friable Class ***	Material Quantity
Office Building (402 Washington Street)						
B-6	Boiler Room	28	Gray Pipe Insulation	TSI	F	125 LF
B-7	Electrical Panel Room	28	Gray Pipe Insulation	TSI	F	100 LF
B-9	South Storage Tunnel	28	Gray Pipe Insulation	TSI	F	65 LF
B-13	Hallway	28	Gray Pipe Insulation	TSI	F	108 LF
B-6	Boiler Room	29	Pipe Fittings	TSI	F	14 SF
B-7	Electrical Panel Room	29	Pipe Fittings	TSI	F	6 SF
B-9	South Storage Tunnel	29	Pipe Fitting	TSI	F	12 SF
B-13	Hallway	29	Pipe Fitting	TSI	F	1 SF
B-6	Boiler Room	30	White HVAC Joint Cloth	M	F	14 SF
B-7	Electrical Panel Room	30	White HVAC Joint Cloth	M	F	20 SF
B-4	Safe 2	76	Fire Door	M	II	18 SF
B-8	Safe 3	76	Fire Door	M	II	18 SF
B-13	Hallway	76	Fire Door	M	II	18 SF
B-14	Safe 4	76	Fire Door	M	II	18 SF
1-14	Office 5	101	File Cabinet Insulation	TSI	F	25 SF
1-18	Office 8	101	File Cabinet Insulation	TSI	F	35 SF
1-20	Office 10	101	File Cabinet Insulation	TSI	F	70 SF
Maintenance Shop						
M-9	Mezzanine	43	1" White Rope Insulation	TSI	F	75 LF
Storage Building						
S-6	Garage 6	51	Gray Cement Panelling	M	II	800 SF
S-6	Garage 6	52	12" White Pipe Insulation	TSI	F	50 LF
S-6	Garage 6	53	White Pipe Insulation	TSI	F	200 LF
S-6	Garage 6	54	Gray Milled Fire Clay	M	F	12 CF
Joint Building (Wedge Lock)						
JB-4	Area Jointing 2	69	White Rope Door Insulation	TSI	F	40 LF
JB-8	Area	69	White Rope Door Insulation	TSI	F	80 LF
JB-12	Storage	76	Fire Door	M	II	18 SF
Old Machine Shop						
OMS-3	Interior	92	2" Pipe Insulation	TSI	F	30 LF
OMS-3	Interior	93	White Block Panels	M	F	30 SF
Production Building						
P-5	Production 1	76	Fire Door	M	II	18 SF
P-8	Production 2	76	Fire Door	M	II	18 SF
P-11	3rd Floor	76	Fire Door	M	II	18 SF
P-14	Production 4	76	Fire Door	M	II	18 SF
P-2	Extruder No. 5	98	Pipe Fittings	TSI	F	20 LF
P-6	2nd Floor Above Production No. 2	98	Pipe Fittings	TSI	F	10 LF
P-5	Production 1	102	White Furnace Insulation	TSI	F	250 SF
P-11	3rd Floor	104	12" Pipe Insulation	TSI	F	300 LF
P-11	3rd Floor	105	6" Pipe Insulation	TSI	F	48 LF
P-13	4th Floor	107	Gray Cement Panelling	M	II	18 SF
P-19	Boiler Room	113	Gray Boiler Insulation	TSI	F	360 SF

NOTES:

** = M is Miscellaneous, TSI is Thermal System Insulation

*** = II is Category II non-friable, F is Friable

- SF = Square Feet, LF = Linear Feet, CF = Cubic Feet

Table 4
CATEGORY I & II NON-FRIABLE ACM
Can Clay Facility
402 Washington Street
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Func. Area No. *	Functional Area Description	HA No.	Homogeneous Area of Material Description	ACM Type **	ACM Category ***	Material Quantity
Office Building (402 Washington Street)						
1-1	Conference Room	1	6"x6" Brown Floor Tile	M	I	154 SF
1-1	Conference Room	2	6"x6" Light Brown Floor Tile	M	I	154 SF
1-1	Conference Room	7	Brown Mastic under 1'x2' Cork Ceiling Tile	M	II	308 SF
1-3	Office 1	7	Brown Mastic under 1'x2' Cork Ceiling Tile	M	II	144 SF
1-6	Office 2	7	Brown Mastic under 1'x2' Cork Ceiling Tile	M	II	256 SF
1-10	Office 3	7	Brown Mastic under 1'x2' Cork Ceiling Tile	M	II	192 SF
1-3	Office 1	9	6"x6" Green Floor Tile with Black Mastic	M	I	72 SF
1-8	Hallway 1	9	6"x6" Green Floor Tile with Black Mastic	M	I	126 SF
1-5	Storage 2	9	6"x6" Green Floor Tile with Black Mastic	M	I	60 SF
1-9	Hallway 2	9	6"x6" Green Floor Tile with Black Mastic	M	I	200 SF
1-11	Office 4	9	6"x6" Green Floor Tile with Black Mastic	M	I	114 SF
1-13	Front Desk Reception	9	6"x6" Green Floor Tile with Black Mastic	M	I	50 SF
1-3	Office 1	10	6"x6" Black Floor Tile with Black Mastic	M	I	72 SF
1-8	Hallway 1	10	6"x6" Black Floor Tile with Black Mastic	M	I	126 SF
1-5	Storage 2	10	6"x6" Black Floor Tile with Black Mastic	M	I	60 SF
1-9	Hallway 2	10	6"x6" Black Floor Tile with Black Mastic	M	I	200 SF
1-11	Office 4	10	6"x6" Black Floor Tile with Black Mastic	M	I	114 SF
1-13	Front Desk Reception	10	6"x6" Black Floor Tile with Black Mastic	M	I	50 SF
1-8	Hallway 1	19	2'x4' Black Floor Tile	M	I	160 SF
1-9	Hallway 2	20	9"x9" Black Floor Tile with Green Streaks	M	I	80 SF
1-9	Hallway 2	23	12"x12" Tan Speck Floor Tile	M	I	252 SF
1-12	Lobby	23	12"x12" Tan Speck Floor Tile	M	I	180 SF
1-14	Office 5	23	12"x12" Tan Speck Floor Tile	M	I	216 SF
1-16	Office 6	23	12"x12" Tan Speck Floor Tile	M	I	182 SF
1-17	Office 7	23	12"x12" Tan Speck Floor Tile	M	I	143 SF
1-18	Office 8	23	12"x12" Tan Speck Floor Tile	M	I	132 SF
1-19	Office 9	23	12"x12" Tan Speck Floor Tile	M	I	156 SF
1-20	Office 10	23	12"x12" Tan Speck Floor Tile	M	I	156 SF
1-21	Middle Room	23	12"x12" Tan Speck Floor Tile	M	I	240 SF
1-22	Storage 3	23	12"x12" Tan Speck Floor Tile	M	I	240 SF
1-23	Filing Cabinet Room	23	12"x12" Tan Speck Floor Tile	M	I	112 SF
1-24	Reception Area	23	12"x12" Tan Speck Floor Tile	M	I	468 SF
1-25	Reception Office	23	12"x12" Tan Speck Floor Tile	M	I	252 SF
1-26	Hallway 3	23	12"x12" Tan Speck Floor Tile	M	I	252 SF
B-13	Hallway	23	12"x12" Tan Speck Floor Tile	M	I	252 SF
B-14	Safe 4	23	12"x12" Tan Speck Floor Tile	M	I	182 SF
B-15	Office 12	23	12"x12" Tan Speck Floor Tile	M	I	182 SF
B-16	Office 13	23	12"x12" Tan Speck Floor Tile	M	I	130 SF
B-17	Office 14	23	12"x12" Tan Speck Floor Tile	M	I	156 SF
B-20	Storage 5	23	12"x12" Tan Speck Floor Tile	M	I	156 SF
1-12	Lobby	25	12"x12" Brown Speck Floor Tile	M	I	180 SF
B-1	Stairwell	27	12"x12" Tan Dash Floor Tile	M	I	64 SF
B-3	Area 1	27	12"x12" Tan Dash Floor Tile	M	I	320 SF
B-7	Electrical Panel Room	109	Vibration Cloth	M	II	6 LF
1-22	Storage 3	110	Brown Cove Base and Mastic	M	II	52 LF
B-13	Hallway	110	Brown Cove Base and Mastic	M	II	112 LF
B-14	Safe 4	110	Brown Cove Base and Mastic	M	II	54 LF
B-15	Office 12	110	Brown Cove Base and Mastic	M	II	54 LF
B-16	Office 13	110	Brown Cove Base and Mastic	M	II	56 LF
B-17	Office 14	110	Brown Cove Base and Mastic	M	II	50 LF
B-20	Storage 5	110	Brown Cove Base and Mastic	M	II	50 LF
B-18	Men's Restroom	111	2"x2" Green-Multi Ceramic Floor Tile	M	I	72 SF

Table 4
CATEGORY I & II NON-FRIABLE ACM
Can Clay Facility
402 Washington Street
Cannelton, Indiana
ATC Project No. 170IRPC08H

Func. Area No. *	Functional Area Description	HA No.	Homogeneous Area of Material Description	ACM Type **	ACM Category ***	Material Quantity
B-19	Women's Restroom	111	2"x2" Green-Multi Ceramic Floor Tile	M	I	72 SF
B-18	Men's Restroom	112	4"x4" Teal Ceramic Tile	M	I	72 SF
B-19	Women's Restroom	112	4"x4" Teal Ceramic Tile	M	I	72 SF
E-1	Exterior	115	Asphalt Roofing Material	M	I	5,704 SF
Maintenance Shop						
M-9	Mezzanine	44	1/2" Gray Packing	M	I	34 LF
M-9	Mezzanine	45	1/4" Gray Packing	M	I	170 LF
M-9	Mezzanine	46	1/2" White Packing	M	I	50 LF
M-9	Mezzanine	47	2" Yellow Packing	M	I	50 LF
M-9	Mezzanine	48	1/2" Brown Packing	M	I	50 LF
M-9	Mezzanine	49	1/4" White Packing	M	I	50 LF
M-15	Exterior	58	Asphalt Roofing Material	M	I	13,000 SF
M-3	Garage 1	114	White Cloth/Black Pipe Sealant	M	I	1 SF
Storage Building						
S-2	Garage 2	44	1/2" Gray Packing	M	I	40 SF
S-2	Garage 2	45	1/4 " Gray Packing	M	I	10 SF
S-6	Garage 6	55	1/4" White Packing	M	I	150 LF
S-7	Exterior	57	4" Gray Gasket	M	I	1 LF
S-7	Exterior	116	Asphalt Roofing Material	M	I	4,788 SF
3 Car Garage						
G-1	3 Car Garage	60	Asphalt Roofing Material	M	I	900 SF
Clay Shed						
C-1	Clay Shed	61	Machine Gasket	M	I	1 LF
C-1	Clay Shed	62	Asphalt Roof Sealant	M	I	140 LF
Old Machine Shop						
OMS-2	Exterior	90	Red Asphalt Siding	M	I	300 SF
OMS-2	Exterior	91	Asphalt Roofing Material	M	I	5,800 SF
Tunnel Kiln Building						
TK-2	Air Handler Room	106	Asphalt Roofing Material	M	I	8,500 SF
Production Building						
P-13	4th Floor	99	Tar Paper	M	I	18 SF
P-12	Roof	106	Asphalt Roofing Material	M	I	67,510 SF

NOTES:

- * = Functional Area Number includes the floor Number (or letter) and room number.
- ** = M is Miscellaneous.
- *** = I is Category I non-friable, II is Category II non-friable.

- SF = Square Feet, LF = Linear Feet

Figures

Figure 1:	Sample Location Map – Office Building - First Floor
Figure 2:	Sample Location Map – Office Building - Second Floor
Figure 3:	Sample Location Map – Storage and Maintenance Buildings
Figure 4:	Sample Location Map – 3 Car Garage and Joint Building
Figure 5:	Sample Location Map – Pipe Lay-Down Yard
Figure 6:	Sample Location Map – Tunnel Kiln Building
Figure 7:	Sample Location Map – Loading Dock and Old Machine Shop
Figure 8:	Sample Location Map – Production Building - First Floor
Figure 9:	Sample Location Map – Production Building - Third and Fourth Floors

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LEGEND:

39

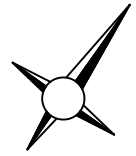
POSITIVE ACM
SAMPLE LOCATION
Sample Identification

13

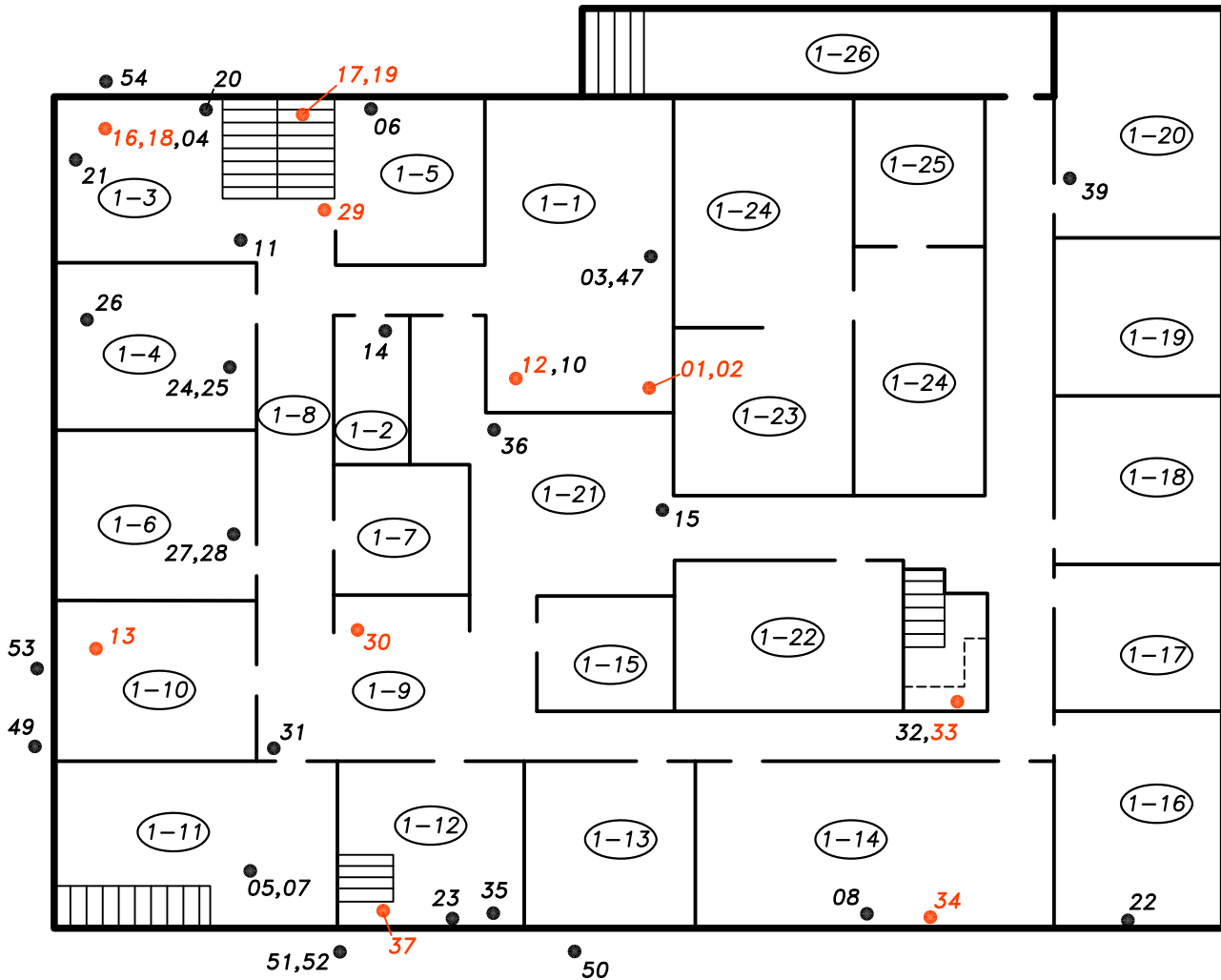
SAMPLE LOCATION
Sample Identification

NOTE: ALL LOCATIONS ARE APPROXIMATE

N



NOT TO SCALE



OFFICE BUILDING - FIRST FLOOR

SAMPLE LOCATION MAP

ASBESTOS INVESTIGATION REPORT
CAN CLAY FACILITY
402 WASHINGTON STREET
CANNELTON, INDIANA

Project Number:
170IRPC08H

Drawing File:
SEE LOWER LEFT

Date:
1/20

Scale:
AS SHOWN

Drn. By:
JG

Ckd. By:
BK

App'd By:

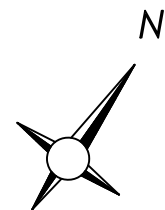
Figure:

ATC

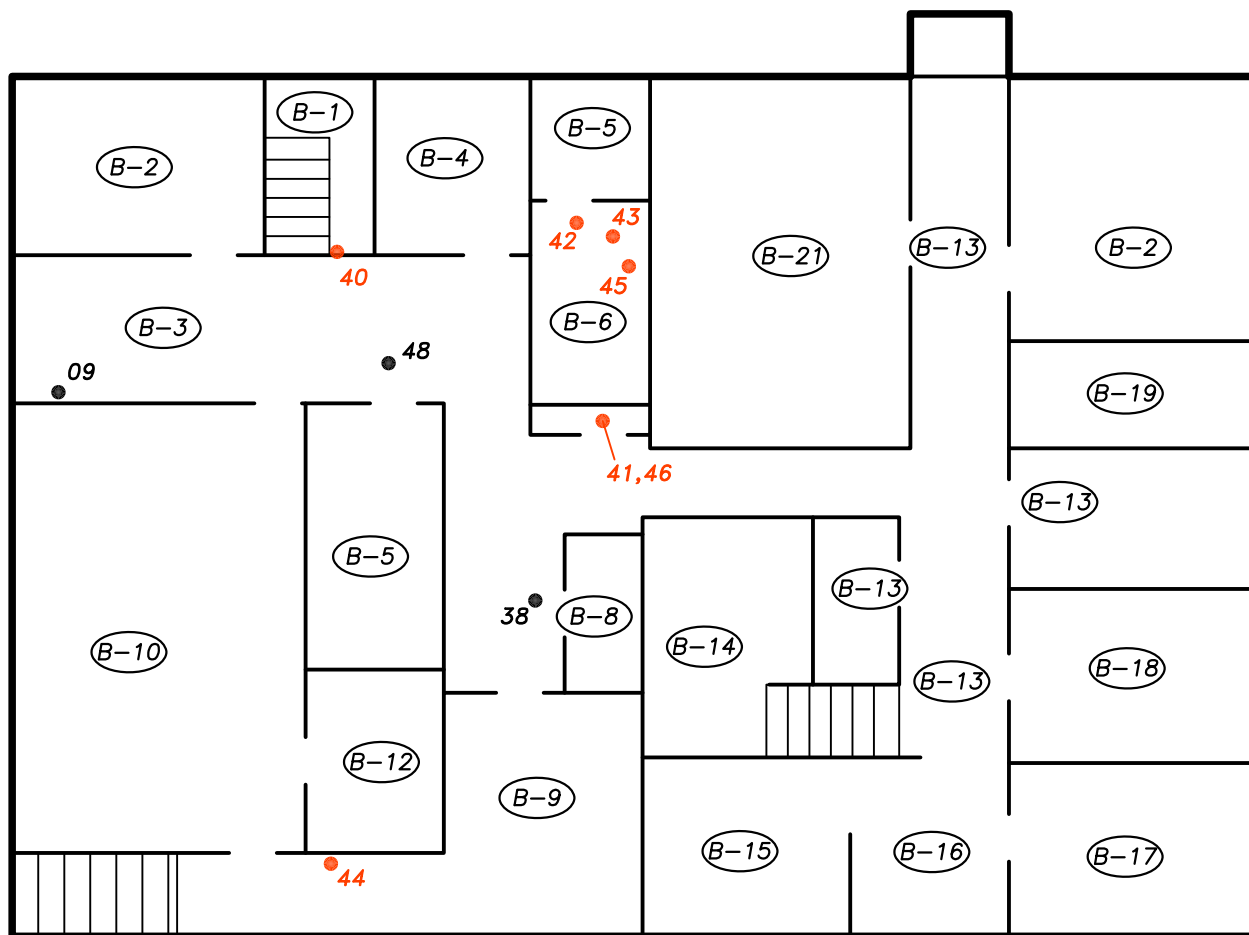
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LEGEND:

- 39 POSITIVE ACM
SAMPLE LOCATION
Sample Identification
- 13 SAMPLE LOCATION
Sample Identification
- NOTE: ALL LOCATIONS ARE APPROXIMATE



NOT TO SCALE



OFFICE BUILDING - SECOND FLOOR

SAMPLE LOCATION MAP

ASBESTOS INVESTIGATION REPORT
CAN CLAY FACILITY
402 WASHINGTON STREET
CANNELTON, INDIANA

Project Number:
170IRPC08H

Drawing File:
SEE LOWER LEFT

Date:
1/20

Scale:
AS SHOWN

Drn. By:
JG

Ckd. By:
BK

App'd By:

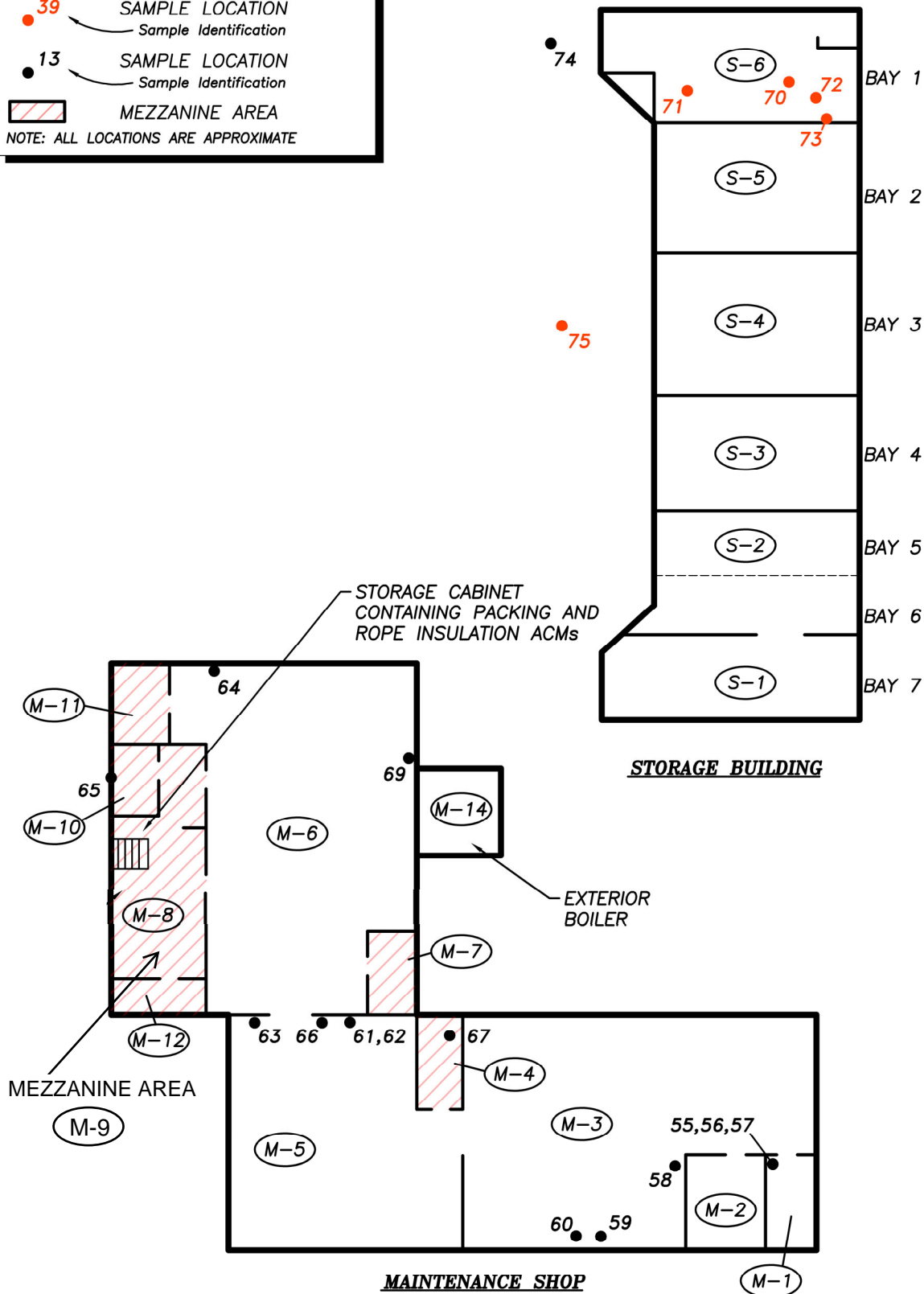
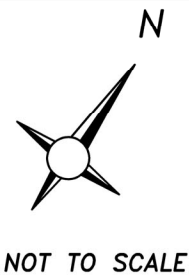
Figure:

ATC

2

LEGEND:

- 39 POSITIVE ACM SAMPLE LOCATION
Sample Identification
 - 13 SAMPLE LOCATION
Sample Identification
 - MEZZANINE AREA
- NOTE: ALL LOCATIONS ARE APPROXIMATE



SAMPLE LOCATION MAP

ASBESTOS INVESTIGATION REPORT
CAN CLAY FACILITY
402 WASHINGTON STREET
CANNELTON, INDIANA

Project Number: 170IRPC08H		Drn. By: JG
Drawing File: SEE LOWER LEFT		Ckd. By: BK
Date: 1/20	Scale: AS SHOWN	App'd By:
ATC		Figure:
		3

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LEGEND:

39

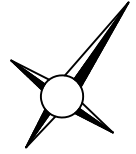
POSITIVE ACM
SAMPLE LOCATION
Sample Identification

13

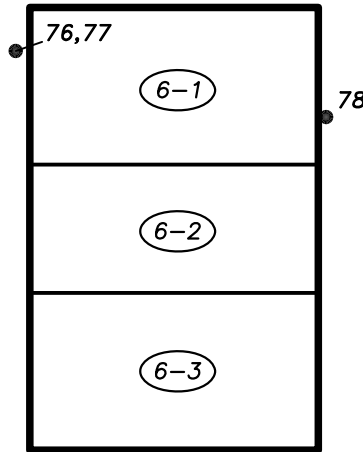
SAMPLE LOCATION
Sample Identification

NOTE: ALL LOCATIONS ARE APPROXIMATE

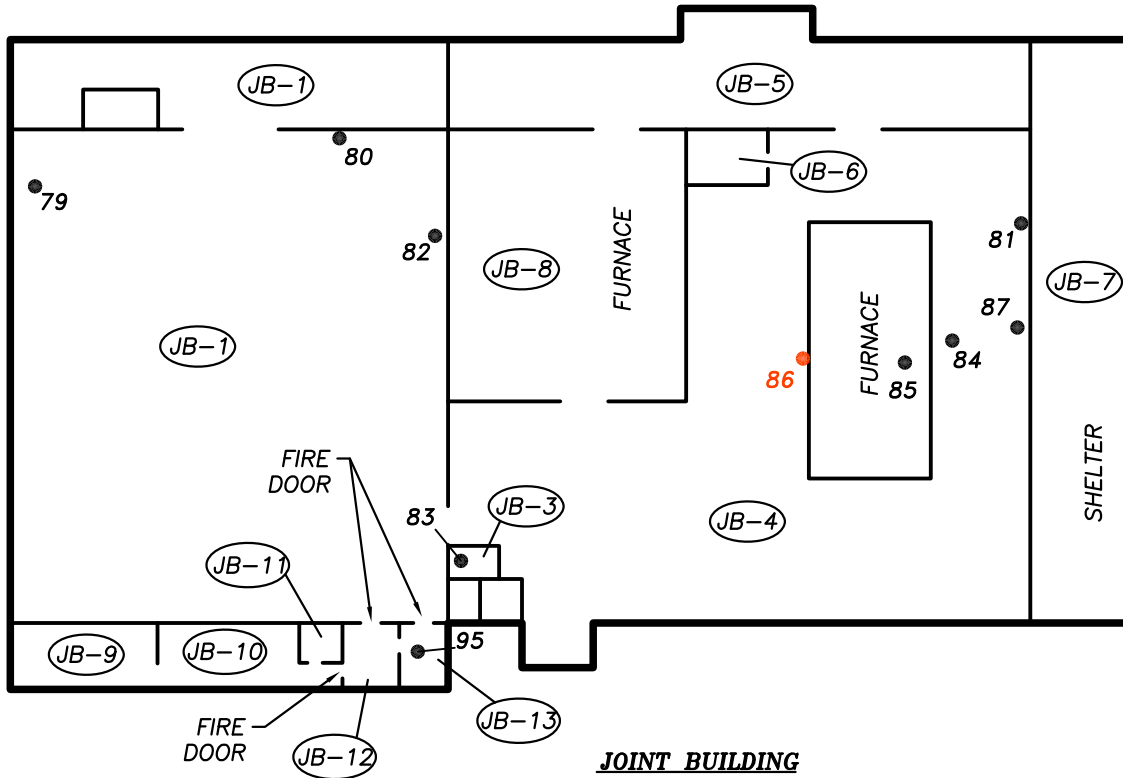
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NOT TO SCALE



3 CAR GARAGE



JOINT BUILDING

SAMPLE LOCATION MAP

ASBESTOS INVESTIGATION REPORT
CAN CLAY FACILITY
402 WASHINGTON STREET
CANNELTON, INDIANA

Project Number:

170IRPC08H

Drn. By:

JG

Drawing File:

SEE LOWER LEFT

Ckd. By:

BK

Date:

1/20

Scale:

AS SHOWN

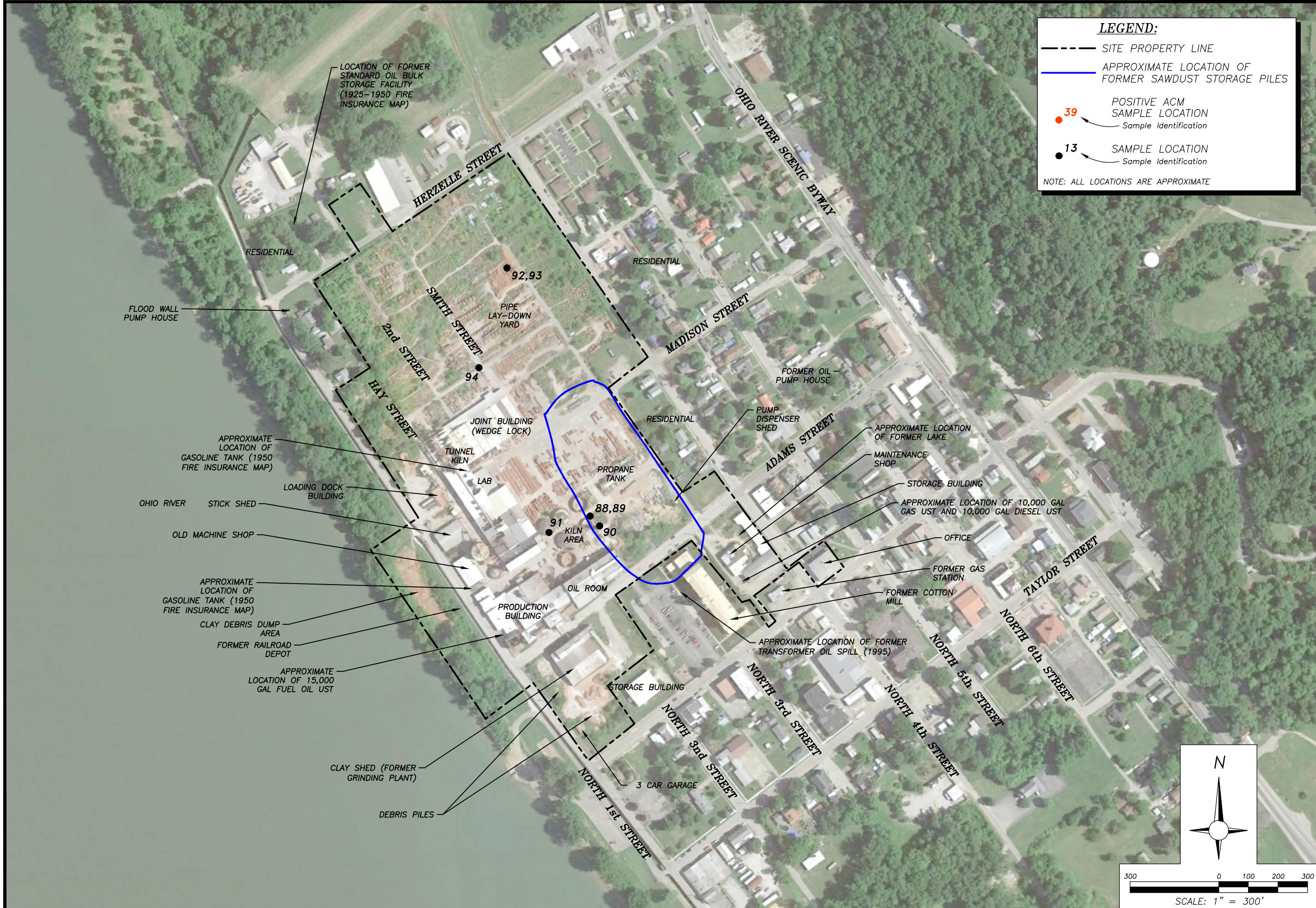
App'd By:

Figure:

ATC

4

H:\2020\IN 15 REGIONAL PLANNING COMMISSION\CAN CLAY PROPERTY - H\H\170IRPC08H- FIG 5.DWG, 11X17L



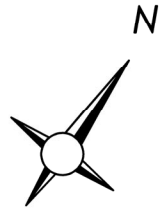
Drn. By:	JG	Ckd. By:	BK	App'd By:		Ckd. Date:	
Project Number:	170IRPC08H	Drawing File:	SEE LOWER LEFT				

SAMPLE LOCATION MAP
ASBESTOS INVESTIGATION REPORT
CAN CLAY FACILITY
402 WASHINGTON STREET
CANNELTON, INDIANA

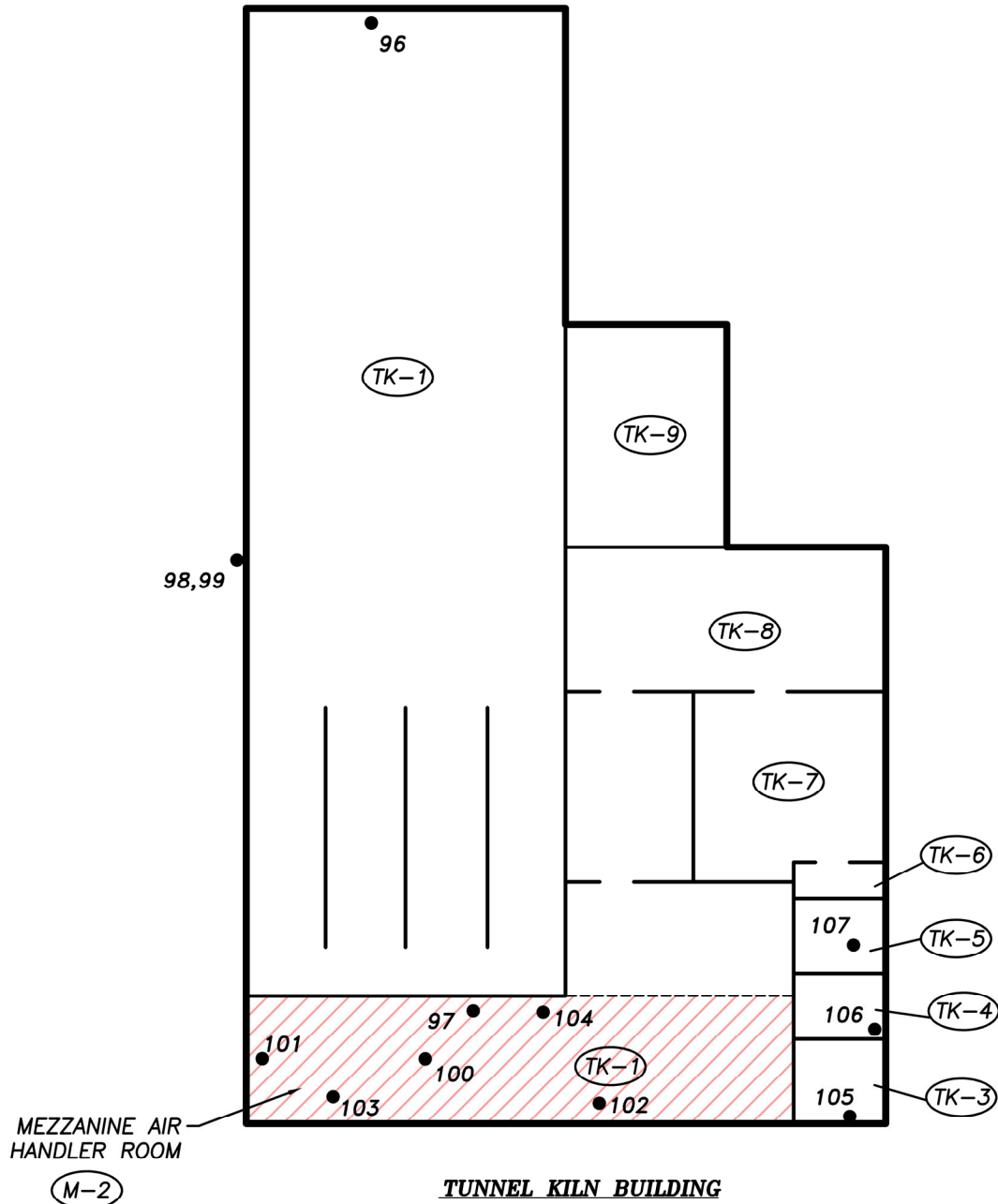
Date: 1/20
Scale: AS SHOWN
Figure: 5

LEGEND:

- 39 POSITIVE ACM SAMPLE LOCATION
Sample Identification
 - 13 SAMPLE LOCATION
Sample Identification
 - MEZZANINE AREA
- NOTE: ALL LOCATIONS ARE APPROXIMATE



NOT TO SCALE



SAMPLE LOCATION MAP

ASBESTOS INVESTIGATION REPORT
CAN CLAY FACILITY
402 WASHINGTON STREET
CANNELTON, INDIANA

Project Number: 170IRPC08H		Drn. By: JG
Drawing File: SEE LOWER LEFT		Ckd. By: BK
Date: 1/20	Scale: AS SHOWN	App'd By:
ATC		Figure:
		6

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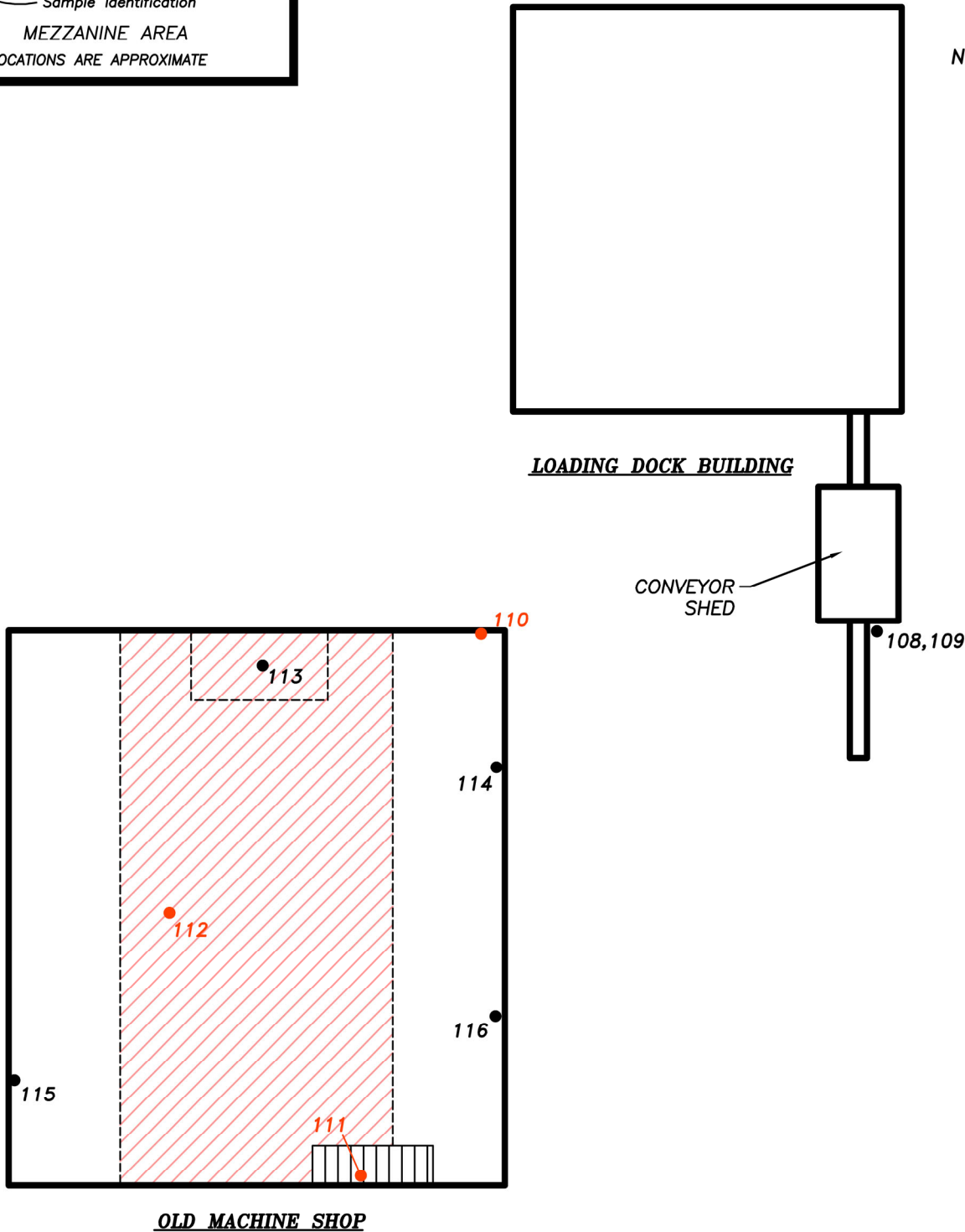
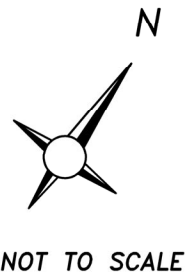
LEGEND:

● 39 POSITIVE ACM SAMPLE LOCATION
Sample Identification

● 13 SAMPLE LOCATION
Sample Identification

MEZZANINE AREA

NOTE: ALL LOCATIONS ARE APPROXIMATE



SAMPLE LOCATION MAP

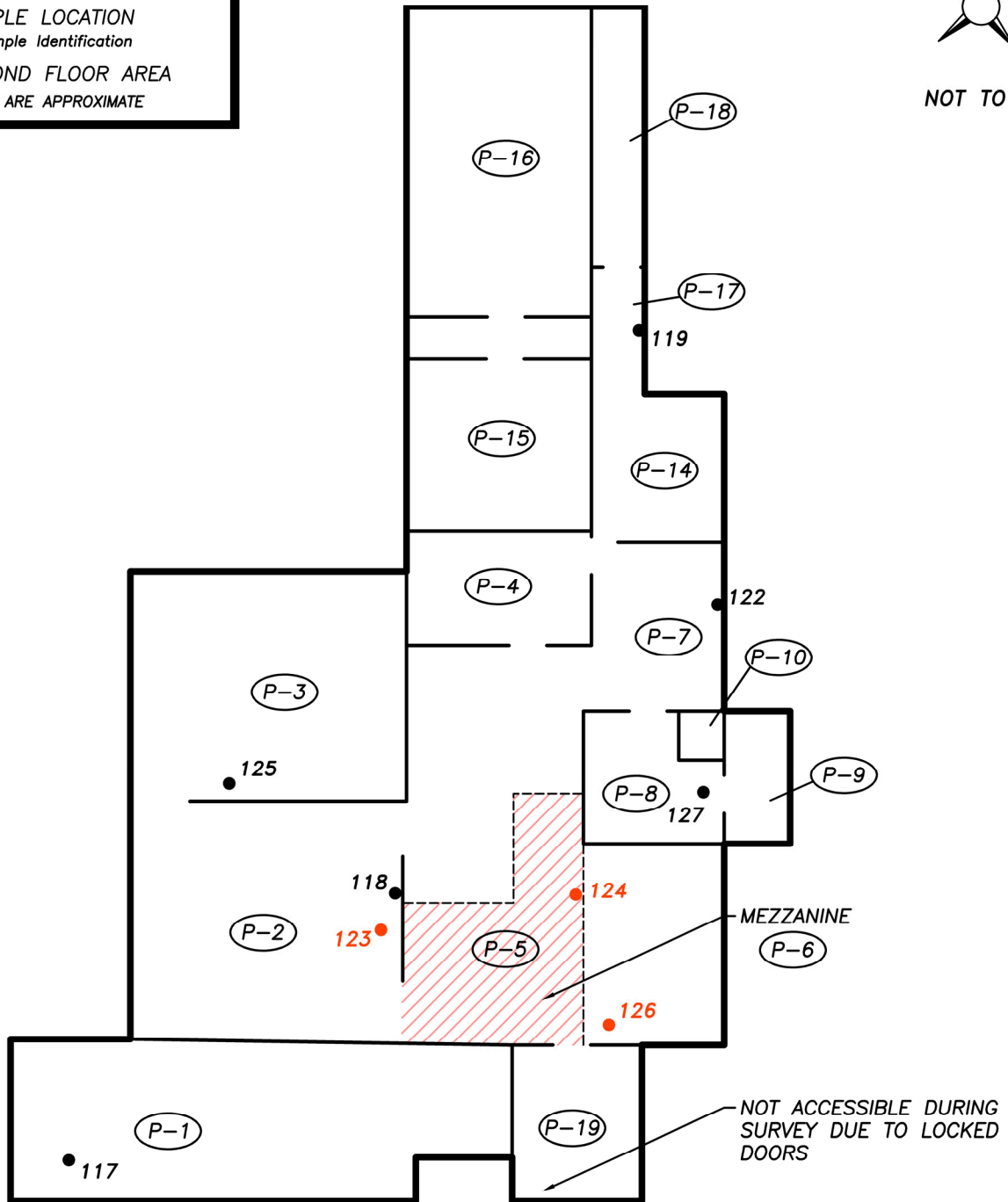
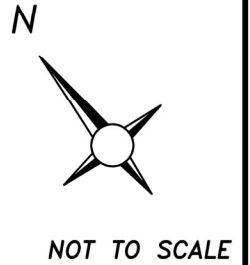
ASBESTOS INVESTIGATION REPORT
CAN CLAY FACILITY
402 WASHINGTON STREET
CANNELTON, INDIANA

Project Number: 170IRPC08H		Drn. By: JG
Drawing File: SEE LOWER LEFT		Ckd. By: BK
Date: 1/20	Scale: AS SHOWN	App'd By:
		Figure: 7

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LEGEND:

- 39 POSITIVE ACM SAMPLE LOCATION
Sample Identification
 - 13 SAMPLE LOCATION
Sample Identification
 - SECOND FLOOR AREA
- NOTE: ALL LOCATIONS ARE APPROXIMATE



PRODUCTION BUILDING - FIRST FLOOR

SAMPLE LOCATION MAP

ASBESTOS INVESTIGATION REPORT
CAN CLAY FACILITY
402 WASHINGTON STREET
CANNELTON, INDIANA

Project Number: 170IRPC08H		Drn. By: JG
Drawing File: SEE LOWER LEFT		Ckd. By: BK
Date: 1/20	Scale: AS SHOWN	App'd By:
		Figure:
		8

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LEGEND:

39

POSITIVE ACM
SAMPLE LOCATION
Sample Identification

13

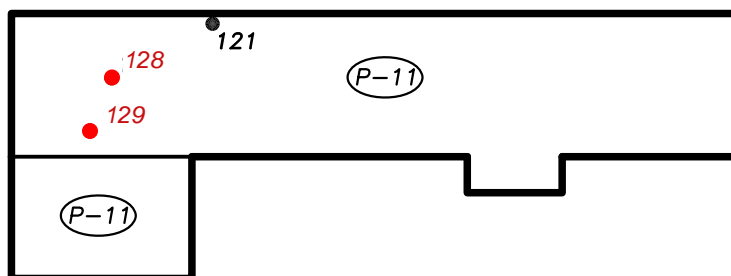
SAMPLE LOCATION
Sample Identification

NOTE: ALL LOCATIONS ARE APPROXIMATE

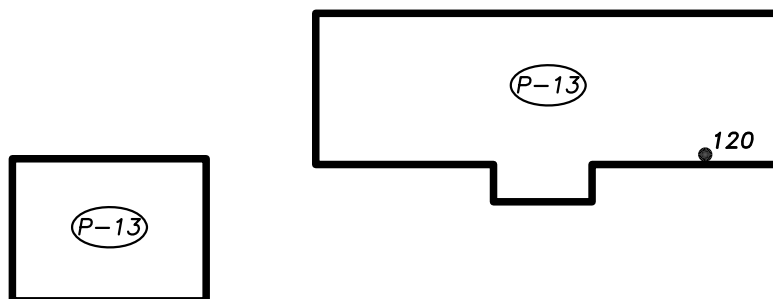
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NOT TO SCALE



PRODUCTION BUILDING - THIRD FLOOR



PRODUCTION BUILDING - FOURTH FLOOR

SAMPLE LOCATION MAP

ASBESTOS INVESTIGATION REPORT
CAN CLAY FACILITY
402 WASHINGTON STREET
CANNELTON, INDIANA

Project Number:
170IRPC08H

Drawing File:
SEE LOWER LEFT

Date:
1/20

Scale:
AS SHOWN

Drn. By:
JG

Ckd. By:
BK

App'd By:

Figure:

ATC

9

Appendix A: Photographs



Photo #1: View of kiln areas, joint building, and lay-down yard (from roof of production building). View is to the north.



Photo #2: View of tunnel kiln building, silo, and kiln area (from roof of production building). View is to the northwest.



Photo #3: View of office building. View is to the east.



Photo #4: View of pipe insulation (HA 28) and pipe fittings (HA 29) in the boiler room of the office building.



Photo #5: View of the collapsed ceiling tile, ceiling tile mastic (HA 7), brown and light brown floor tile (HAs 1 and 2) in the conference room.

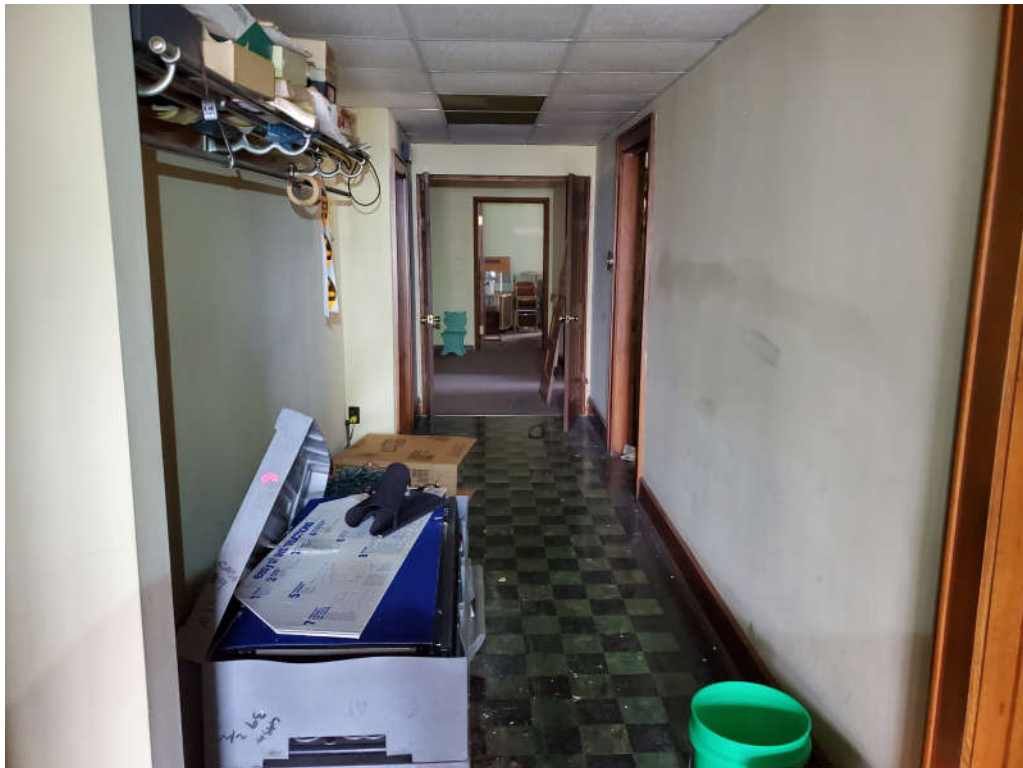


Photo #6: View of black and green floor tile (HAs 9 and 10) and 2'x4' black floor tile (HA 19) in the hallway.



Photo #7: View of maintenance shop. View is to the south.



Photo #8: View of storage cabinet with multiple packings and rope insulation (HA 43).



Photo #9: View of maintenance shop interior.



Photo #10: View of storage building. View is to the east.



Photo #11: View of gray cement paneling (HA 51), white pipe insulation (HA 53), and gray milled fire clay (HA 54) in the Garage 6 of the storage building.



Photo #12: View of joint building (wedge lock) interior.

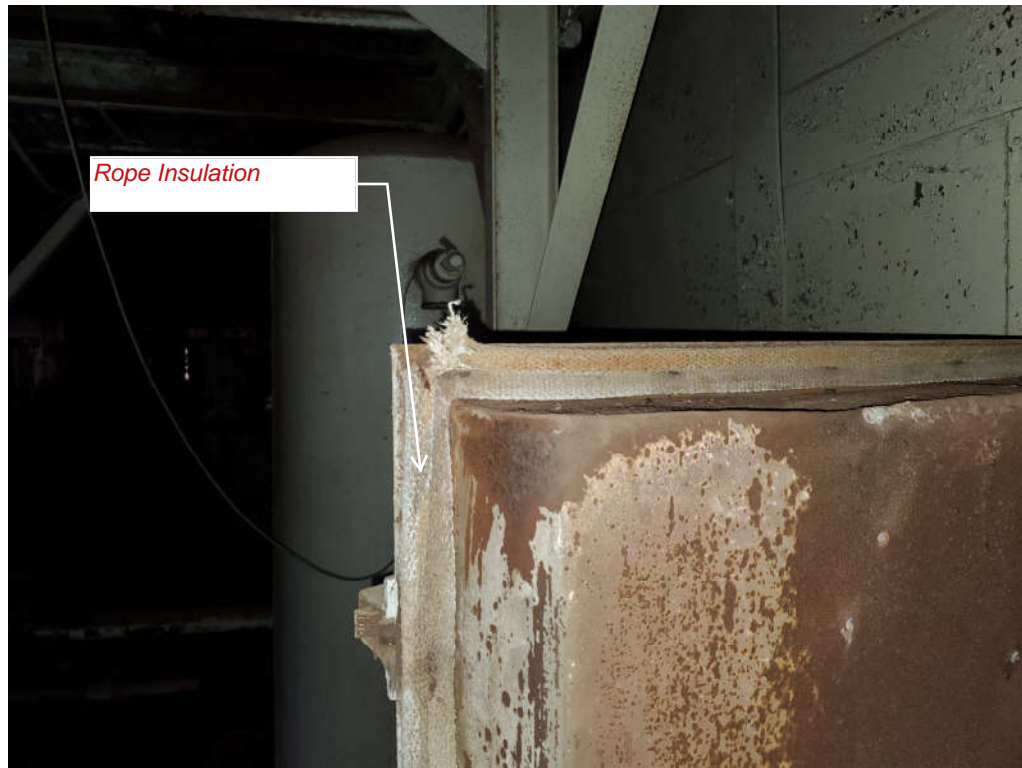


Photo #13: View of white rope door insulation (HA 69) in the joint building.



Photo #14: View of old machine shop. View is to the northwest.



Photo #15: View of pipe insulation (HA 92) in the old machine shop.



Photo #16: View of white block panels (HA 93) in the old machine shop.



Photo #17: View of 3 car garage. View is to the south.



Photo #18: View of machine gasket (HA 61) in the clay shed.



Photo #19: View of entrance of exterior kiln with no roof.



Photo #20: View of gray/black kiln roof (HA 73).



Photo #21: View of kiln on west end of the site.



Photo #22: View of south end of tunnel kiln building.



Photo #23: View of loading dock building interior.



Photo #24: View of west portion of the production building. View is to the east.



Photo #25: View of third floor of production building.



Photo #26: View of pipe fitting (HA 98) in the production building.



Photo #27: View of boiler room and gray boiler insulation (HA 113) in production building as viewed from window.



Photo #28: View of fourth floor of the production building.



Photo #29: White furnace insulation (HA 102) in the production building.



Photo #30: View of asphalt roofing material (HA 106) on a portion of the production building.

Appendix B: Licenses and Certifications

Indiana Department of Environmental Management
100 N. Senate Avenue
Mail Code 61-52 IGCN 1003
Indianapolis, IN 46204-2251



April 2, 2019

000005

Brian L. Kleeman
5311 Ironwood Drive
Newburgh IN 47630

Re: Asbestos Inspector # 19A000989

Based upon the review of your license application, the Office of Air Quality has determined that you have fulfilled the requirements of 326 IAC 18 and are eligible for licensing in the following discipline:

Asbestos Inspector

Your Asbestos Inspector license is attached below. The license is waterproof and tear resistant. Please sign your license and do not laminate or alter your license in anyway. Your license must be available for review at all times while implementing an asbestos project. This license may be revoked, pursuant to 326 IAC 18-1-7, if you:

- (1) Violate any requirements of these rules (326 IAC 18), 326 IAC 14-10, or any requirement of the Asbestos-Containing Materials in Schools Rule or any other federal, state, or local regulation pertaining to asbestos in buildings or to asbestos projects.
- (2) Falsify information on your application for licensing.
- (3) Fail to meet any qualifications specified in 326-IAC 18-1-4.
- (4) Conduct asbestos project, or related asbestos handling activity, in a manner which is hazardous to the public health.

Your license is valid effective 06/15/2019, and will expire on 06/15/2020, as indicated on your card. We suggest that you attend the required training and submit an application for license renewal early to insure your license does not lapse. NOTE: 326 IAC 18-1-4(h) and 326 IAC 18-1-6(e) require that any individual who has an eighteen (18) month lapse between any two training courses of the same discipline to attend an initial training course for the discipline in which they are seeking a license. In order to avoid re-taking the initial training course you must have attended a refresher in the discipline you are seeking a license within eighteen (18) months from the date of issuance of your last training course certificate.

Office of Air Quality, Asbestos Licensing Section (317) 233-3861



Indiana Dept. of Environmental Management

Brian L. Kleeman

Asbestos Inspector License #: 19A000989

Effective: **06/15/2019**
Birth Date: **05/27/1980**
Height: **6-00**
Weight: **185**

Expiration: **06/15/2020**
Gender: **M**
Eye Color: **Blue**
Hair Color: **Brown**

Indiana Department of Environmental Management
100 N. Senate Avenue
Mail Code 61-52 IGCN 1003
Indianapolis, IN 46204-2251



February 26, 2019

000013

Sarah Ann Butler
ATC Group Services
7988 Centerpoint Dr Ste 100
Indianapolis IN 46256

Re: Asbestos Inspector # 19A008018

Based upon the review of your license application, the Office of Air Quality has determined that you have fulfilled the requirements of 326 IAC 18 and are eligible for licensing in the following discipline:

Asbestos Inspector

Your Asbestos Inspector license is attached below. The license is waterproof and tear resistant. Please sign your license and do not laminate or alter your license in anyway. Your license must be available for review at all times while implementing an asbestos project. This license may be revoked, pursuant to 326 IAC 18-1-7, if you:

- (1) Violate any requirements of these rules (326 IAC 18), 326 IAC 14-10, or any requirement of the Asbestos-Containing Materials in Schools Rule or any other federal, state, or local regulation pertaining to asbestos in buildings or to asbestos projects.
- (2) Falsify information on your application for licensing.
- (3) Fail to meet any qualifications specified in 326-IAC 18-1-4.
- (4) Conduct asbestos project, or related asbestos handling activity, in a manner which is hazardous to the public health.

Your license is valid effective 03/05/2019, and will expire on 03/05/2020, as indicated on your card. We suggest that you attend the required training and submit an application for license renewal early to insure your license does not lapse. NOTE: 326 IAC 18-1-4(h) and 326 IAC 18-1-6(e) require that any individual who has an eighteen (18) month lapse between any two training courses of the same discipline to attend an initial training course for the discipline in which they are seeking a license. In order to avoid re-taking the initial training course you must have attended a refresher in the discipline you are seeking a license within eighteen (18) months from the date of issuance of your last training course certificate.

Office of Air Quality, Asbestos Licensing Section (317) 233-3861



Indiana Dept. of Environmental Management

Sarah Ann Butler

Asbestos Inspector License #: 19A008018

Effective: 03/05/2019	Expiration: 03/05/2020
Birth Date: 10/23/1991	Gender: F
Height: 5-06	Eye Color: Green
Weight: 145	Hair Color: Blonde

Sarah Butler

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 200188-0

EMSL Analytical, Inc.
Indianapolis, IN

*is accredited by the National Voluntary Laboratory Accreditation Program for specific services,
listed on the Scope of Accreditation, for:*

Asbestos Fiber Analysis

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality
management system (refer to joint ISO-ILAC-IAF Communiqué dated January 2009).*

2019-04-01 through 2020-03-31

Effective Dates




For the National Voluntary Laboratory Accreditation Program



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

EMSL Analytical, Inc.
6340 Castleplace Dr.
Indianapolis, IN 46250
Mr. Richard Harding
Phone: 317-803-2997 Fax: 317-803-3047
Email: rharding@emsl.com
<http://www.emsl.com>

ASBESTOS FIBER ANALYSIS

NVLAP LAB CODE 200188-0

Bulk Asbestos Analysis

<u>Code</u>	<u>Description</u>
18/A01	EPA -- 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

Airborne Asbestos Analysis

<u>Code</u>	<u>Description</u>
18/A02	U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as found in 40 CFR, Part 763, Subpart E, Appendix A.

A handwritten signature in black ink, appearing to read "Dana S. Gorman".

For the National Voluntary Laboratory Accreditation Program

Appendix C: Laboratory Results and Chain of Custodies



EMSL Analytical, Inc.

6340 CastlePlace Dr. Indianapolis, IN 46250

Tel/Fax: (317) 803-2997 / (317) 803-3047

<http://www.EMSL.com> / indianapolislabs@emsl.com

EMSL Order: 162001409

Customer ID: ATAS63

Customer PO:

Project ID:

Attention: Brian Kleeman
ATC Group Services LLC
6149 Wedeking Avenue
Building D, Suite 2
Evansville, IN 47715

Project: Can Clay Facility - 170IRPC08H

Phone: (812) 436-9250

Fax: (812) 436-9251

Received Date: 01/22/2020 8:50 AM

Analysis Date: 01/24/2020 - 01/27/2020

Collected Date: 01/15/2020

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
CC-01-Floor Tile 162001409-0001	Conference Room - 6x6 brown F.T. black mastic	Brown Non-Fibrous Homogeneous		94% Non-fibrous (Other)	6% Chrysotile
CC-01-Mastic 162001409-0001A	Conference Room - 6x6 brown F.T. black mastic	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CC-02-Floor Tile 162001409-0002	Conference Room - 6x6 lt brown F.T. black mastic	Brown Non-Fibrous Homogeneous		94% Non-fibrous (Other)	6% Chrysotile
CC-02-Mastic 162001409-0002A	Conference Room - 6x6 lt brown F.T. black mastic	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CC-03 162001409-0003	Conference Room - 4x4 white ceramic F.T.	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CC-04-Finish Coat 162001409-0004	Office No. 1 - plaster walls & ceiling	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CC-04-Base Coat 162001409-0004A	Office No. 1 - plaster walls & ceiling	Gray Non-Fibrous Homogeneous		20% Quartz 80% Non-fibrous (Other)	None Detected
CC-05-Finish Coat 162001409-0005	Office No. 4 - plaster walls & ceiling	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CC-05-Base Coat 162001409-0005A	Office No. 4 - plaster walls & ceiling	Gray Non-Fibrous Homogeneous		20% Quartz 80% Non-fibrous (Other)	None Detected
CC-06-Finish Coat 162001409-0006	Storage 2 - plaster walls & ceiling	White/Green Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CC-06-Base Coat 162001409-0006A	Storage 2 - plaster walls & ceiling	Gray Non-Fibrous Homogeneous		20% Quartz 80% Non-fibrous (Other)	None Detected
CC-07 162001409-0007	Office No. 4 - drywall	Brown/White Fibrous Heterogeneous	20% Cellulose 2% Glass	60% Gypsum 18% Non-fibrous (Other)	None Detected
CC-08-Drywall 162001409-0008	Office No. 5 - drywall	Brown/White Fibrous Heterogeneous	20% Cellulose 2% Glass	60% Gypsum 18% Non-fibrous (Other)	None Detected
CC-08-Joint Compound 162001409-0008A	Office No. 5 - drywall	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
CC-09-Drywall 162001409-0009	Area No. 1 - drywall	Brown/White Fibrous Heterogeneous	20% Cellulose	2% Quartz 70% Gypsum 8% Non-fibrous (Other)	None Detected
CC-09-Joint Compound 162001409-0009A	Area No. 1 - drywall	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile

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EMSL Order: 162001409

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
CC-10 162001409-0010	Conference Room - 2x2 textured ceiling tile	Gray/White Fibrous Homogeneous	70% Cellulose 10% Min. Wool	15% Perlite 5% Non-fibrous (Other)	None Detected
CC-11 162001409-0011	Hallway - 2x2 textured ceiling tile	Gray/White Fibrous Homogeneous	65% Cellulose 10% Min. Wool	20% Perlite 5% Non-fibrous (Other)	None Detected
CC-12-Ceiling Tile 162001409-0012	Conference Room - 1x2 cork ceiling tile w/brown mastic	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CC-12-Mastic 162001409-0012A	Conference Room - 1x2 cork ceiling tile w/brown mastic	Brown Non-Fibrous Homogeneous		95% Non-fibrous (Other)	5% Chrysotile
CC-13-Ceiling Tile 162001409-0013	Office No. 3 - 1x2 cork ceiling tile w/brown mastic	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CC-13-Mastic 162001409-0013A	Office No. 3 - 1x2 cork ceiling tile w/brown mastic				Positive Stop (Not Analyzed)
CC-14-Floor Tile 162001409-0014	Women's Restroom - 9x9 green dash FT w/black mastic	Green Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CC-14-Mastic 162001409-0014A	Women's Restroom - 9x9 green dash FT w/black mastic	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CC-15-Floor Tile 162001409-0015	Middle Room - 9x9 green dash FT w/black mastic	Green Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CC-15-Mastic 162001409-0015A	Middle Room - 9x9 green dash FT w/black mastic	Brown/Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CC-16-Floor Tile 162001409-0016	Office No. 1 - 6x6 green F.T. black mastic	Green Non-Fibrous Homogeneous		96% Non-fibrous (Other)	4% Chrysotile
CC-16-Mastic 162001409-0016A	Office No. 1 - 6x6 green F.T. black mastic	Black Non-Fibrous Homogeneous		97% Non-fibrous (Other)	3% Chrysotile
CC-17 162001409-0017	Hallway - 6x6 green F.T. black mastic				Positive Stop (Not Analyzed)
CC-18-Floor Tile 162001409-0018	Office No. 1 - 6x6 black F.T. black mastic	Brown Non-Fibrous Homogeneous		95% Non-fibrous (Other)	5% Chrysotile
CC-18-Mastic 162001409-0018A	Office No. 1 - 6x6 black F.T. black mastic	Black Non-Fibrous Homogeneous		97% Non-fibrous (Other)	3% Chrysotile
CC-19 162001409-0019	Hallway - 6x6 black F.T. black mastic				Positive Stop (Not Analyzed)
CC-20 162001409-0020	Office No. 1 - 12x12 pinprick wall tile	Brown/White Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected
CC-21 162001409-0021	Hallway - 12x12 pinhole ceiling tile	Brown/White Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected
CC-22 162001409-0022	Office No. 6 - black paper flooring	Black Fibrous Homogeneous	60% Cellulose	40% Non-fibrous (Other)	None Detected

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			% Fibrous	% Non-Fibrous	% Type
CC-23 162001409-0023	Front Desk - black paper flooring	Black Fibrous Homogeneous	60% Cellulose	40% Non-fibrous (Other)	None Detected
CC-24 162001409-0024	Storage No. 1 - 6x6 brown swirl F.T.	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CC-25 162001409-0025	Storage No. 1 - 6x6 tan swirl F.T.	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CC-26 162001409-0026	Storage No. 1 - 12x12 smooth C.T.	Brown/White Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (Other)	None Detected
CC-27-Floor Tile 162001409-0027	Office No. 2 - 6x6 green swirl F.T.	Green Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
CC-27-Mastic 162001409-0027A	Office No. 2 - 6x6 green swirl F.T.	Brown Non-Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
CC-28-Floor Tile 162001409-0028	Office No. 2 - 6x6 black swirl F.T.	Black Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
CC-28-Mastic 162001409-0028A	Office No. 2 - 6x6 black swirl F.T.	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CC-29 162001409-0029	Hallway - 2x4 black F.T.	Black Non-Fibrous Homogeneous		96% Non-fibrous (Other)	4% Chrysotile
CC-30 162001409-0030	Hallway No. 2 - 9x9 black F.T. w/green streaks	Black/Green Non-Fibrous Homogeneous		96% Non-fibrous (Other)	4% Chrysotile
CC-31 162001409-0031	Hallway No. 2 - 2x2 swirl textured C.T.	Gray/White Fibrous Homogeneous	80% Cellulose	10% Perlite 10% Non-fibrous (Other)	None Detected
CC-32 162001409-0032	Hallway No. 2 - yellow carpet mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CC-33-Floor Tile 162001409-0033	Hallway No. 2 - 12x12 tan speck F.T. brown mastic	Tan Non-Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile
CC-33-Mastic 162001409-0033A	Hallway No. 2 - 12x12 tan speck F.T. brown mastic	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CC-34-Floor Tile 162001409-0034	Office No. 5 - 12x12 tan speck F.T. brown mastic				Positive Stop (Not Analyzed)
CC-34-Mastic 162001409-0034A	Office No. 5 - 12x12 tan speck F.T. brown mastic	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CC-35 162001409-0035	Lobby - brown floor coating	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CC-36 162001409-0036	Middle Room - brown floor coating	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CC-37-Floor Tile 162001409-0037	Lobby - 12x12 brown speck F.T. yellow mastic	Brown Non-Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile

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			% Fibrous	% Non-Fibrous	% Type
CC-37-Mastic 162001409-0037A	Lobby - 12x12 brown speck F.T. yellow mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CC-38 162001409-0038	Electrical Room - 2x4 pinhole C.T.	Gray/White Fibrous Homogeneous	50% Cellulose 30% Min. Wool	15% Perlite 5% Non-fibrous (Other)	None Detected
CC-39 162001409-0039	Office No. 10 - 2x4 pinhole C.T.	Gray/White Fibrous Homogeneous	50% Cellulose 30% Min. Wool	10% Perlite 10% Non-fibrous (Other)	None Detected
CC-40-Floor Tile 162001409-0040	Stairwell - 12x12 tan dash F.T.	Tan Non-Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile
CC-40-Mastic 162001409-0040A	Stairwell - 12x12 tan dash F.T.	Black/Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CC-41 162001409-0041	Electrical Room - gray pipe insulation	Gray Fibrous Homogeneous	40% Cellulose	35% Non-fibrous (Other)	25% Chrysotile
CC-42 162001409-0042	Boiler Room - gray pipe insulation				Positive Stop (Not Analyzed)
CC-43 162001409-0043	Boiler Room - pipe fittings	Gray Fibrous Homogeneous		96% Non-fibrous (Other)	4% Amosite
CC-44 162001409-0044	South Storage Room - pipe fittings				Positive Stop (Not Analyzed)
CC-45 162001409-0045	Boiler Room - white HVAC joint cloth	White Fibrous Homogeneous	40% Cellulose	20% Non-fibrous (Other)	40% Chrysotile
CC-46 162001409-0046	Electrical Room - white HVAC joint cloth				Positive Stop (Not Analyzed)
CC-47 162001409-0047	Conference Room - yellow fire brick	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CC-48 162001409-0048	Area No. 1 - 12x12 large pinhole ceiling tile	Brown/White Fibrous Homogeneous	98% Cellulose	2% Non-fibrous (Other)	None Detected
CC-49 162001409-0049	West Side - window glaze	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CC-50 162001409-0050	South Side - window glaze	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CC-51 162001409-0051	South End - white window caulk	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CC-52 162001409-0052	South End - white window caulk	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CC-53 162001409-0053	West Side - white sealant	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CC-54 162001409-0054	North Side - white sealant	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
CC-55 162001409-0055	Office - drywall	Brown/White Fibrous Heterogeneous	20% Cellulose	70% Gypsum 10% Non-fibrous (Other)	None Detected
CC-56 162001409-0056	Office - drywall	Brown/White Fibrous Heterogeneous	20% Cellulose	70% Gypsum 10% Non-fibrous (Other)	None Detected
CC-57 162001409-0057	Office - drywall	Brown/White Fibrous Heterogeneous	20% Cellulose	70% Gypsum 10% Non-fibrous (Other)	None Detected
CC-58 162001409-0058	Garage No. 1 - silver paint	Silver Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CC-59 162001409-0059	Garage No. 1 - black/brown belt	Brown/Black Fibrous Homogeneous	15% Synthetic	85% Non-fibrous (Other)	None Detected
CC-60 162001409-0060	Garage No. 1 - white blanket	White Fibrous Homogeneous	90% Glass	10% Non-fibrous (Other)	None Detected
CC-61 162001409-0061	Garage No. 2 - cement skim coat	Gray Non-Fibrous Homogeneous		25% Quartz 75% Non-fibrous (Other)	None Detected
CC-62 162001409-0062	Garage No. 2 - cement skim coat	Gray Non-Fibrous Homogeneous		25% Quartz 75% Non-fibrous (Other)	None Detected
CC-63 162001409-0063	Garage No. 2 - cement skim coat	Gray Non-Fibrous Homogeneous		25% Quartz 75% Non-fibrous (Other)	None Detected
CC-64 162001409-0064	Garage No. 3 - white window glaze	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
CC-65 162001409-0065	Office No. 2 - white window glaze	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
CC-66 162001409-0066	Garage No. 2 - white window glaze	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
CC-67 162001409-0067	Mezzanine - gray anti-skid material	Gray Non-Fibrous Homogeneous		98% Vermiculite 2% Non-fibrous (Other)	None Detected
Vermiculite is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep or TEM Qualitative					
CC-68 162001409-0068	Dryer Room No.2 - gray cylinder mold	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CC-69 162001409-0069	Exterior - black tar paper	Black Fibrous Homogeneous	85% Cellulose	15% Non-fibrous (Other)	None Detected
CC-70 162001409-0070	Garage No. 6 - gray cement paneling	Gray Fibrous Homogeneous		75% Non-fibrous (Other)	25% Chrysotile
CC-71 162001409-0071	Garage No. 6 - 12" white pipe insulation	White Fibrous Homogeneous		85% Non-fibrous (Other)	5% Amosite 10% Chrysotile
CC-72 162001409-0072	Garage No. 6 - white pipe insulation	White Fibrous Homogeneous		83% Non-fibrous (Other)	2% Amosite 15% Chrysotile

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
CC-73 162001409-0073	Garage No. 6 - gray milled fire clay	Gray Fibrous Homogeneous	90% Min. Wool	5% Non-fibrous (Other)	5% Chrysotile
CC-74 162001409-0074	Exterior - white plaster debris	White Non-Fibrous Homogeneous		20% Quartz 80% Non-fibrous (Other)	None Detected
CC-75 162001409-0075	Exterior - 4" gray gasket	Gray Fibrous Homogeneous		70% Non-fibrous (Other)	30% Chrysotile
CC-76 162001409-0076	Exterior - white door glazing	Gray/Tan/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
CC-77 162001409-0077	Exterior - white door glazing	Gray/Tan/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
CC-78 162001409-0078	Exterior - white door glazing	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
CC-79 162001409-0079	Area No. 2 - white debris	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CC-80 162001409-0080	Jointing - tan window glazing	Gray/Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CC-81 162001409-0081	Area Jointing No. 2 - tan window glazing	Brown/Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CC-82 162001409-0082	Jointing - drywall	Brown/White Non-Fibrous Heterogeneous	20% Cellulose	70% Gypsum 10% Non-fibrous (Other)	None Detected
CC-83 162001409-0083	Office - 12x12 shiny pinprick ceiling tile	Brown/White Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (Other)	None Detected
CC-84 162001409-0084	Area Jointing No. 2 - fire brick	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CC-85 162001409-0085	Area Jointing No. 2 - white furnace insulation	Gray Fibrous Homogeneous	85% Min. Wool	15% Non-fibrous (Other)	<1% Chrysotile
CC-86 162001409-0086	Area Jointing No. 2 - white rope door insulation	Tan/White Fibrous Homogeneous		20% Non-fibrous (Other)	80% Chrysotile
CC-87 162001409-0087	Area Jointing No. 2 - tan window glazing	Brown/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CC-88 162001409-0088	Debris Piles - yellow fire brick	Yellow Non-Fibrous Homogeneous		10% Quartz 90% Non-fibrous (Other)	None Detected
CC-89 162001409-0089	Debris Piles - light gray fire brick	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CC-90 162001409-0090	Debris Piles - gray cement debris	Gray/Tan Non-Fibrous Homogeneous		20% Quartz 80% Non-fibrous (Other)	None Detected
CC-91 162001409-0091	Kiln Area - gray/black kiln roof	Gray/Black Non-Fibrous Homogeneous		10% Quartz 90% Non-fibrous (Other)	None Detected

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			% Fibrous	% Non-Fibrous	% Type
CC-92 162001409-0092	Debris Piles - red/gray clay pipe debris	Gray/Red/Black Non-Fibrous Homogeneous	<1% Cellulose	10% Quartz 90% Non-fibrous (Other)	None Detected
CC-93 162001409-0093	Debris Piles - red clay pipe debris	Red Non-Fibrous Homogeneous		10% Quartz 90% Non-fibrous (Other)	None Detected
CC-94 162001409-0094	Debris Piles - red clay pipe debris	Red Non-Fibrous Homogeneous		10% Quartz 90% Non-fibrous (Other)	None Detected
CC-95 162001409-0095	Mortar Room - white mortar	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CC-96 162001409-0096	Loading Area - tan window glazing	Tan/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
CC-97 162001409-0097	Loading Area - tan window glazing	Brown/Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
CC-98 162001409-0098	Loading Area - gray brick mortar	Gray Non-Fibrous Homogeneous		20% Quartz 80% Non-fibrous (Other)	None Detected
CC-99 162001409-0099	Loading Area - pipe debris	Brown/Rust Non-Fibrous Homogeneous	5% Cellulose	5% Quartz 90% Non-fibrous (Other)	None Detected
CC-100 162001409-0100	Loading Area - white ceiling plaster	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CC-101 162001409-0101	Air Handler Room - white ceiling plaster	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CC-102 162001409-0102	Air Handler Room - tan furnace fire brick	Tan Non-Fibrous Homogeneous		20% Quartz 80% Non-fibrous (Other)	None Detected
CC-103 162001409-0103	Air Handler Room - gray furnace fire brick	Gray Non-Fibrous Homogeneous		10% Quartz 90% Non-fibrous (Other)	None Detected
CC-104 162001409-0104	Air Handler Room - white block material	Gray/White Fibrous Homogeneous	30% Synthetic	70% Non-fibrous (Other)	None Detected
CC-105 162001409-0105	Tunnel Kiln Office - clear window caulk	Gray/Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CC-106 162001409-0106	Production Office - white window caulk	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CC-107 162001409-0107	Storage Room - black tar	Gray/Black Fibrous Homogeneous	70% Cellulose	30% Non-fibrous (Other)	None Detected
CC-108 162001409-0108	Loading Dock Conveyor Shed - white pipe sealant	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CC-109 162001409-0109	Loading Dock Conveyor Shed - clear pipe sealant	Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CC-110 162001409-0110	Exterior - red asphalt siding	Red/Black Fibrous Homogeneous	30% Cellulose	10% Quartz 58% Non-fibrous (Other)	2% Chrysotile

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			% Fibrous	% Non-Fibrous	% Type
CC-111 162001409-0111	Interior - 2" pipe insulation	White Fibrous Homogeneous		40% Non-fibrous (Other)	60% Chrysotile
CC-112 162001409-0112	Interior - white block panel	White Fibrous Homogeneous		60% Non-fibrous (Other)	10% Amosite 30% Chrysotile
CC-113 162001409-0113	Interior - brown rope packing	Brown Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (Other)	None Detected
CC-114 162001409-0114	Interior - white window glazing	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CC-115 162001409-0115	Interior - white window glazing	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CC-116 162001409-0116	Interior - white window glazing	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CC-117 162001409-0117	Dry Storage Area - white hydrocrete	Gray Non-Fibrous Homogeneous	<1% Synthetic	10% Quartz 90% Non-fibrous (Other)	None Detected
CC-118 162001409-0118	white/gray window glazing	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
CC-119 162001409-0119	Restroom - white/gray window glazing	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
CC-120 162001409-0120	Fourth Floor - white/gray window glazing	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
CC-121 162001409-0121	Third Floor - white/gray window glazing	Gray/Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CC-122 162001409-0122	Production Area No. 3 - white/gray window glazing	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
CC-123 162001409-0123	Extruder No. 5 - pipe fitting	White Fibrous Homogeneous		60% Non-fibrous (Other)	40% Chrysotile
CC-124 162001409-0124	Second Floor Above Production Area No. 2 - pipe fitting				Positive Stop (Not Analyzed)
CC-125 162001409-0125	Extruder No. 8 - black asphalt debris	Black Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected
CC-126 162001409-0126	Production Area No. 1 - white furnace insulation	Gray/White Fibrous Homogeneous		30% Non-fibrous (Other)	70% Chrysotile
CC-127 162001409-0127	Production Area No. 2 - paper pipe insulation	Brown Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected
CC-128 162001409-0128	Third Floor - 12" pipe insulation	White Fibrous Homogeneous		55% Non-fibrous (Other)	5% Amosite 40% Chrysotile
CC-129 162001409-0129	Third Floor - 6" pipe insulation	White Fibrous Homogeneous		55% Non-fibrous (Other)	5% Amosite 40% Chrysotile

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<http://www.EMSL.com> / indianapolislaboratory@emsl.com

EMSL Order: 162001409

Customer ID: ATAS63

Customer PO:

Project ID:

Analyst(s)

Abigail Sheehan (63)

Amanda Straw (36)

Crystal Oshurak (2)

Ross Matlock (18)

Shannon Clegg (21)

Richard Harding, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method"), but augmented with procedures outlined in the 1993 ("final") version of the method. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. All samples received in acceptable condition unless otherwise noted. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. EMSL recommends gravimetric reduction for all non-friable organically bound materials prior to analysis. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc. Indianapolis, IN NVLAP Lab Code 200188-0, AZ0939, CA 2575, CO AL-15132, TX 300262

Initial report from: 01/27/2020 16:02:25



EMSL Analytical, Inc.

6340 CastlePlace Dr. Indianapolis, IN 46250

Phone/Fax: (317) 803-2997 / (317) 803-3047

<http://www.EMSL.com> / indianapolislabs@emsl.com

EMSL Order: 162001409

Customer ID: ATAS63

Customer PO:

Project ID:

Attention: Brian Kleeman
ATC Group Services LLC
6149 Wedeking Avenue
Building D, Suite 2
Evansville, IN 47715

Project: Can Clay Facility - 170IRPC08H

Phone: (812) 436-9250

Fax: (812) 436-9251

Received: 01/22/2020 8:50 AM

Analysis Date: 01/28/2020

Collected: 01/15/2020

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy. Quantitation using 400 Point Count Procedure

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
CC-08-Joint Compound 162001409-0008A	Office No. 5 - drywall	White Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	<0.25% Chrysotile
CC-09-Joint Compound 162001409-0009A	Area No. 1 - drywall	Beige Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	<0.25% Chrysotile
CC-64 162001409-0064	Garage No. 3 - white window glaze	White Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	<0.25% Chrysotile
CC-65 162001409-0065	Office No. 2 - white window glaze	White Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	<0.25% Chrysotile
CC-66 162001409-0066	Garage No. 2 - white window glaze	Gray Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	<0.25% Chrysotile
CC-76 162001409-0076	Exterior - white door glazing	Gray/Tan/White Non-Fibrous Homogeneous		99.25% Non-fibrous (Other)	0.75% Chrysotile
CC-77 162001409-0077	Exterior - white door glazing	Gray/Tan/White Non-Fibrous Homogeneous		99.50% Non-fibrous (Other)	0.50% Chrysotile
CC-78 162001409-0078	Exterior - white door glazing	Gray/White Non-Fibrous Homogeneous		99.50% Non-fibrous (Other)	0.50% Chrysotile
CC-85 162001409-0085	Area Jointing No. 2 - white furnace insulation	Gray Fibrous Homogeneous	70% MinWool	30.0% Non-fibrous (Other)	<0.25% Chrysotile
CC-96 162001409-0096	Loading Area - tan window glazing	Tan/White Non-Fibrous Homogeneous		99.75% Non-fibrous (Other)	0.25% Chrysotile

Disclaimer: Some samples may contain asbestos fibers present in dimensions below PLM resolution limits. The limit of detection as stated in the method is 0.25%. EMSL Analytical Inc suggests that samples reported as <0.25% or none detected undergo additional analysis via TEM. The above test report relates only to the items tested. This report may not be reproduced, except in full, without written approval of EMSL Analytical Inc. This test report must not be used by the client to claim product endorsement by NVLAP or any agency of the United States Government. EMSL Analytical Inc., bears no responsibility for sample collection activities, analytical method limitations, or the accuracy of results when requested to separate layered samples. EMSL Analytical Inc., liability is limited to the cost of sample analysis. The test results contained within this report meet the requirements of NELAC unless otherwise noted. Samples received in good condition unless otherwise noted. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample.

Samples analyzed by EMSL Analytical, Inc. Indianapolis, IN

Report amended: 01/28/2020 16:33:02 Replaces initial report from: 01/28/2020 11:55:12 Reason Code: Data Entry-Samples Added



EMSL Analytical, Inc.

6340 CastlePlace Dr. Indianapolis, IN 46250

Phone/Fax: (317) 803-2997 / (317) 803-3047

<http://www.EMSL.com> / indianapolislabs@emsl.com

EMSL Order: 162001409

Customer ID: ATAS63

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Attention: Brian Kleeman
ATC Group Services LLC
6149 Wedeking Avenue
Building D, Suite 2
Evansville, IN 47715

Project: Can Clay Facility - 170IRPC08H

Phone: (812) 436-9250

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Received: 01/22/2020 8:50 AM

Analysis Date: 01/28/2020

Collected: 01/15/2020

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy. Quantitation using 400 Point Count Procedure

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
CC-97 162001409-0097	Loading Area - tan window glazing	Brown/Gray Non-Fibrous Homogeneous		99.75% Non-fibrous (Other)	0.25% Chrysotile
CC-118 162001409-0118	white/gray window glazing	White Non-Fibrous Homogeneous		99.50% Non-fibrous (Other)	0.50% Chrysotile
CC-119 162001409-0119	Restroom - white/gray window glazing	Gray Non-Fibrous Homogeneous		99.75% Non-fibrous (Other)	0.25% Chrysotile
CC-120 162001409-0120	Fourth Floor - white/gray window glazing	Gray Non-Fibrous Homogeneous		99.50% Non-fibrous (Other)	0.50% Chrysotile
CC-122 162001409-0122	Production Area No. 3 - white/gray window glazing	Gray Non-Fibrous Homogeneous		99.75% Non-fibrous (Other)	0.25% Chrysotile

Sample 85 added

Analyst(s)

Ross Matlock (15)

Richard Harding, Laboratory Manager
or other approved signatory

Disclaimer: Some samples may contain asbestos fibers present in dimensions below PLM resolution limits. The limit of detection as stated in the method is 0.25%. EMSL Analytical Inc suggests that samples reported as <0.25% or none detected undergo additional analysis via TEM. The above test report relates only to the items tested. This report may not be reproduced, except in full, without written approval of EMSL Analytical Inc. This test report must not be used by the client to claim product endorsement by NVLAP or any agency of the United States Government. EMSL Analytical Inc., bears no responsibility for sample collection activities, analytical method limitations, or the accuracy of results when requested to separate layered samples. EMSL Analytical Inc., liability is limited to the cost of sample analysis. The test results contained within this report meet the requirements of NELAC unless otherwise noted. Samples received in good condition unless otherwise noted. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample.

Samples analyzed by EMSL Analytical, Inc. Indianapolis, IN

Report amended: 01/28/2020 16:33:02 Replaces initial report from: 01/28/2020 11:55:12 Reason Code: Data Entry-Samples Added



EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Bulk Building Material Chain of Custody

EMSL Order Number (Lab Use Only):

162001409

EMSL Analytical, Inc.
6340 Castleplace Dr.

Indianapolis, IN 46250
PHONE: (317) 803-2997
FAX: (317) 803-3047

Company : ATC Group Services LLC		EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different <small>If Bill to is Different note instructions in Comments**</small>	
Street: 6149 Wedeking Avenue, Bldg D, Suite 2		Third Party Billing requires written authorization from third party	
City: Evansville	State/Province: IN	Zip/Postal Code: 47715	Country: US
Report To (Name): Brian Kleeman		Telephone #: 812 647-6452	
Email Address: brian.kleeman@atcgs.com		Fax #: 812 477-1195	Purchase Order:
Project Name/Number: Can Clay Facility - 170IRPC08H		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email <input type="checkbox"/> Mail	
U.S. State Samples Taken: IN		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input checked="" type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week			
<small>*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.</small>			
PLM - Bulk (reporting limit)		TEM - Bulk	
<input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%)		<input type="checkbox"/> TEM EPA NOB - EPA 600/R-93/116 Section 2.5.5.1	
<input type="checkbox"/> PLM EPA NOB (<1%)		<input type="checkbox"/> NY ELAP Method 198.4 (TEM)	
Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%)		<input type="checkbox"/> Chatfield Protocol (semi-quantitative)	
Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%)		<input type="checkbox"/> TEM % by Mass - EPA 600/R-93/116 Section 2.5.5.2	
<input type="checkbox"/> NIOSH 9002 (<1%)		<input type="checkbox"/> TEM Qualitative via Filtration Prep Technique	
<input type="checkbox"/> NY ELAP Method 198.1 (friable in NY)		<input type="checkbox"/> TEM Qualitative via Drop Mount Prep Technique	
<input type="checkbox"/> NY ELAP Method 198.6 NOB (non-friable-NY)		<u>Other</u>	
<input type="checkbox"/> OSHA ID-191 Modified		<input type="checkbox"/>	
<input type="checkbox"/> Standard Addition Method			
<input checked="" type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group		Date Sampled: 1/15/2020 to 1/17/2020	
Samplers Name:		Samplers Signature:	
Sample #	HA #	Sample Location	Material Description
		See Attached COC	
Client Sample # (s):		Total # of Samples: 12	
Relinquished (Client):		Date:	Time: 12:28
Received (Lab): <i>J. Hadley</i>		Date:	Time: 1:28
Comments/Special Instructions:			
Stop First Positive			

RECEIVED
 EMSL ANALYTICAL, INC.
 INDIANAPOLIS, IN
 2020 JAN 28 A 8:50

1409.

ENVIRONMENTAL • GEOTECHNICAL
BUILDING SCIENCES • MATERIALS TESTING

ASBESTOS SAMPLE CHAIN OF CUSTODY

Project No.: 170 TRPCOBH

Site: Can clay facility

Page 1 of 6

Address: 402 Washington

Date of Sampling: 1/15/20

SAMPLED MATERIAL DESCRIPTION	SAMPLE LOCATION	FLOOR & AREA NO.	BULK SAMPLE NO.	HA NO.	LAB RESULTS
6x6 Brown F.T. Black Mastic	Conference Room	1 - 1	CC-01	1	
6x6 Lt. Brown F.T. Black Mastic	" "	1 - 1	-02	2	
4x4 white Ceramic F.T.	" "	1 - 1	-03	3	
Plaster walls and ceiling	Office No. 1	1 - 3	-04	4	
"	Office No. 4	1 - 11	-05	4	
"	Storage 2	1 - 5	-06	4	
Office Drywall	Office No. 4	1 - 11	-07	5	
"	Office No. 5	1 - 14	-08	5	
"	Area No. 1	B - 3	-09	5	
2x2 Textured Ceiling Tile	Conference Room	1 - 1	-10	6	
"	Hallway	1 - 8	-11	6	
1x2 Cork Ceiling Tile w/ Brown Mastic	Conference Room Office No. 1	1 - 3	-12	7	
"	Office No. 3	1 - 10	-13	7	
9x9 Green Dash F.T. w/ Black Mastic	Women's Restroom	1 - 2	-14	8	
"	Middle Room	1 - 21	-15	8	
6x6 Green F.T. Black Mastic	Office No. 1	1 - 3	-16	9	
"	Hallway	1 - 8	-17	9	
6x6 Black F.T. Black Mastic	Office No. 1	1 - 3	-18	10	
"	Hallway	1 - 8	-19	10	
12x12 Pingrick Wall Tile	Office No. 1	1 - 3	-20	11	
12x12 Pinhole Ceiling Tile	Office Area No. 1	1 - 3	-21	12	
Black Paper Flooring	Office No. 6	1 - 16	-22	13	
"	Office No. 6 Front Desk	1 - 13	-23	13	
6x6 Brown Swirl F.T.	Storage No. 1	1 - 4	-24	14	
6x6 Tan Swirl F.T.	"	1 - 4	-25	15	

Samples Collected By:
 Samples Delivered By:
 Received at Lab By:

Accreditation No. _____
 Expiration Date: _____

[Signature]
[Signature] 1-22-2020

1409


 ENVIRONMENTAL • GEOTECHNICAL
 BUILDING SCIENCES • MATERIALS TESTING

ASBESTOS SAMPLE CHAIN OF CUSTODY

Project No.:

Site:

Cam Clay

Page 2 of 6

Address:

Date of Sampling:

SAMPLED MATERIAL DESCRIPTION	SAMPLE LOCATION	FLOOR & AREA NO.	BULK SAMPLE NO.	HA NO.	LAB RESULTS
12x12 Smooth C.T.	Storage No. 1	1 .4	CC-26	16	
6x6 Green Swirl F.T.	Office No. 2	1 .6	-27	17	
6x6 Black Swirl F.T.	"	1 .6	-28	18	
2x4 Black F.T.	Hallway	1 .8	-29	19	
9x9 Black F.T. w/ Green Stripes	Hallway No. 2	1-9	-30	20	
2x2 Swirl Textured C.T.	"	1 .9	-31	21	
Yellow Carpet	"	1-9	-32	22	
Tan Speck F.T. Brown Mastic	"	1 .9	-33	23	
"	Office No. 5	1 .14	-34	23	
Brown Floor Coating	Lobby	1 .12	-35	24	
"	Middle Room	1 .21	-36	24	
12x12 Brown Speck Yellow Mastic F.T.	Lobby	1 .12	-37	25	
2x4 Pinhole C.T.	Electrical Room	B-7	-38	26	
"	Office No. 10	1 .20	-39	26	
12x12 Tan Dash F.T.	Stairwell	B-1	-40	27	
Gray Pipe Insulation	Electrical Room	B-7	-41	28	
"	Boiler Room	B-6	-42	28	
Pipe Fittings	South "	B-6	-43	29	
"	Storage Room	B-9	-44	29	
White HVAC Joint Cloth	Boiler Room	B-6	-45	30	
White HVAC Joint Cloth	Electrical Room	B-7	-46	30	
Yellow Fire Brick	Conference Room	1 .1	-47	31	
12x12 Large Pinhole Ceiling Tile	Area No. 1	B-3	-48	32	
Window glaze	WEST side	E-1	-49	33	
Window glaze	South side	E-1	-50	33	

Samples Collected By:

Samples Delivered By:

Received at Lab By:

Accreditation No.:

Expiration Date:

1409

ENVIRONMENTAL • GEOTECHNICAL
BUILDING SCIENCES • MATERIALS TESTING

ASBESTOS SAMPLE CHAIN OF CUSTODY

Project No. : _____

Site: Can ClayPage 3 of 6

Address: _____

Date of Sampling: _____

SAMPLED MATERIAL DESCRIPTION	SAMPLE LOCATION	FLOOR & AREA NO.	BULK SAMPLE NO.	HA NO.	LAB RESULTS
White window caulk	South <u>North</u> End	E-1	CC-51	34	
"	"	E-1	-52	34	
White sealant	East <u>West</u> side	E-1	-53	35	
"	North <u>West</u> side	E-1	-54	35	
<u>Maintenance Shop</u>					
Drywall	Office	M-1	CC-55	36	
"	"	M-1	-56	36	
"	"	M-1	-57	36	
Silver Paint	Garage No. 1	M-3	-58	37	
Black/Brown Belt	"	M-3	-59	38	
White Blanket	"	M-3	-60	39	
Cement skins	Garage No. 2	M-5	-61	40	
Coat	"	M-5	-62	40	
"	"	M-5	-63	46	
White Window Glaze	Garage No. 3	M-6	-64	41	
"	Office No. 2	M-10	-65	41	
"	Garage No. 2	M-5	-66	41	
Gray Anti-skid Material	Mezzanine	M-9	-67	42	
Gray Cylinder Mold	Dryer Room No. 2	P-15	-68	108	
Black Tar Paper	Exterior	M-15	-69	56	
		-			
		-			
		-			
		-			
		-			

Samples Collected By: _____

Samples Delivered By: _____

Received at Lab By: _____

Accreditation No. _____

Expiration Date: _____

Madley 1-22-2020

1409

ENVIRONMENTAL • GEOTECHNICAL
BUILDING SCIENCES • MATERIALS TESTING

ASBESTOS SAMPLE CHAIN OF CUSTODY

Project No. : _____

Site: Can Clay Page 4 of 6Address: Storage Building

Date of Sampling: _____

SAMPLED MATERIAL DESCRIPTION	SAMPLE LOCATION	FLOOR & AREA NO.	BULK SAMPLE NO.	HA NO.	LAB RESULTS
12" Gray Cement Paneling	Garage No. 6	S - 6	CC- 70 70	HA-51	
White Pipe Insulation	"	S - 6	- 71	52	
White Pipe Insulation	"	S - 6	- 72	53	
Gray Milled Insulation	"	S - 6	- 73	54	
White Plaster Debris	Exterior	S - 7	- 74	56	
4" Gray Gasket	"	S - 7	- 75	57	
<hr/>					
3- White Door Glazing	Car Garage Exterior	G - 1	CC - 76	59	
"	"	G - 1	- 77	59	
"	"	G - 1	- 78	59	
<hr/>					
White Debris	Joint Building Area No. 2	JB - 2	- 79	63	
Tan Window Glazing	Jointing	JB - 2	- 80	64	
"	Area Jointing No. 2	JB - 4	- 81	64	
Drywall	Jointing	JB - 2	- 82	65	
12x12 Shiny Pinprick Ceiling Tile	office	JB - 3	- 83	66	
Fire Brick	Area Jointing No. 2	JB - 4	- 84	67	
White Furnace Insulation	"	JB - 4	- 85	68	
White Rope Door Insulation	"	JB - 4	- 86	69	
Tan Window Glazing	"	JB - 4	- 87	64	
Yellow Fire Brick	Debris Piles	D - 1	- 88	70	
Light Gray Fire Brick	"	D - 1	- 89	71	
Gray Cement Debris	"	D - 1	- 90	72	
Gray / Black Kiln Roof	Kiln Area	K - 1	- 91	73	
Red / Gray Clay Pipe Debris	Debris Piles	D - 1	- 92	74	

Samples Collected By: _____

Samples Delivered By: _____

Received at Lab By: _____

Accreditation No. _____

Expiration Date: _____

1409


 ENVIRONMENTAL • GEOTECHNICAL
 BUILDING SCIENCES • MATERIALS TESTING

ASBESTOS SAMPLE CHAIN OF CUSTODY

Project No. : _____

Site: Can ClayPage 5 of 6

Address: _____

Date of Sampling: _____

SAMPLED MATERIAL DESCRIPTION	SAMPLE LOCATION	FLOOR & AREA NO.	BULK SAMPLE NO.	HA NO.	LAB RESULTS
Red Clay Pipe Debris	Debris Pile	D - 1	CC-93	75	
"	"	D - 1	-94	75	
White Mortar	Mortar Room	JB - 13	-95	77	
———— Tunnel Kiln Building ————					
Tan Window Glazing	loading Area	TK - 1	-96	78	
"	"	TK - 1	-97	78	
Gray Brick Mortar	"	TK - 1	-98	79	
Pipe Debris	"	TK - 1	-99	80	
White Ceiling Plaster	"	TK - 1	-100	81	
"	Air Handler Room	TK - 2	-101	81	
Tan Furnace Fire Brick	"	TK - 2	-102	82	
Gray Furnace Fire Brick	"	TK - 2	-103	83	
White Block Material	"	TK - 2	-104	84	
Clear Window Caulk	Tunnel Kiln Office	TK - 3	-105	85	
White Window Caulk	Production Office	TK - 4	-106	86	
Black Tar Paper	Storage Room	TK - 5	-107	87	
White Pipe Sealant	loading Dock	LD - 3	-108	88	
Clear Pipe Sealant	Conveyer shed	LD - 3	-109	89	
———— Old Machine Shop ————					
Red Asphalt Siding	Exterior	OMS - 2	CC - 110	90	
2" Pipe Insulation	Interior	OMS - 3	-111	92	
White Block Panel	"	OMS - 3	-112	93	
Brown Rope Packing	"	OMS - 3	-113	94	
White Window Glazing	"	OMS - 3	-114	95	
"	"	OMS - 3	-115	95	
"	"	OMS - 3	-116	95	

Samples Collected By: _____

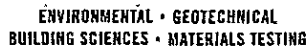
Samples Delivered By: _____

Received at Lab By: _____

Accreditation No. _____

Expiration Date: _____

1-22-2020



Project No.: _____ Site: Can Clay Facility Page 6 of 6
Address: Production Building Date of Sampling: _____

Samples Collected By: [Signature] Accreditation No. _____
 Samples Delivered By: _____ Expiration Date: _____
 Received at Lab By: J Hadley 1-22-2020